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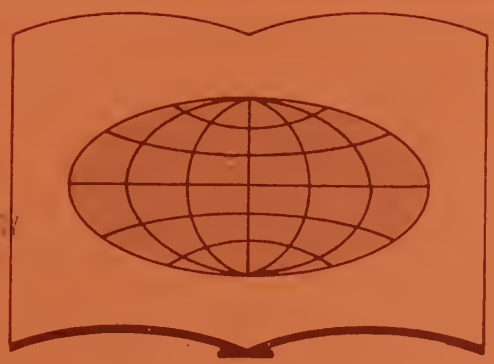

Volume 4 Number 21
October 11, 1968

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PESTICIDES DOCUMENTATION BULLETIN

Volume 4
October 11, 1968
Number 21

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The *Pesticides Documentation Bulletin* is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

10 Entomology
20 Crop Protection
30 Livestock Protection
40 Commodity Protection
50 Environmental Contamination
55 Residues
60 Toxicology
65 Plant Physiology & Biochemistry
70 Chemistry
80 Engineering
90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

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Organizational Index: Names of corporate authors or sponsoring organizations are arranged alphabetically followed by accession numbers of pertinent citations.

Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested
Company furnishing the compound
Author or Investigator
Test Sponsor
Date
Location
Mode of Application
Rates of Application
Soil Types
Carriers
Crops or Weeds tested with phytotoxicity ratings
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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

PLEASE GIVE COMPLETE BIBLIOGRAPHIC INFORMATION AS IT APPEARS IN THIS PUBLICATION FOR EACH ITEM REQUESTED.

This publication reports research involving pesticides. It does not contain recommendations for their use, nor does it imply that the uses discussed here have been registered. All uses of pesticides must be registered by appropriate State and/or Federal agencies before they can be recommended.

CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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Bombyliidae, Catalogs, Diptera, Insect taxonomy. French abstract

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Cicadellidae, Insect taxonomy, Malagasy Republic. French and english abstract

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R C Froeschner
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Insect morphology, Insect taxonomy, Tingidae.

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R C Froeschner
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Insect taxonomy, Membracidae.

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S W Frost
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Demography, Ephemeroptera, Light traps.

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NEW GENERA OF THE FAMILY ANALGIDAE, TROUESSART AND MEGNIN. (FR)
J Gaud W T Atyeo
Acarologia 9(2):447-464
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Insect taxonomy, Mites.

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Insect taxonomy, Mites.

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A CONTRIBUTION TO THE SYSTEMATICS OF THE GENUS AMITERMES (ISOPTERA: TERMITIDAE) IN AUSTRALIA.
F J Gay
Australian J Zool 16(3):405-457
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Insect identification, Insect taxonomy, Termites. English abstract

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Entomol Soc Wash Mem 70(2):133-136
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Aedes, Insect taxonomy, Larvae, Zoogeography.

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L K Gloyd
Mich Univ Mus Zool Occas Pap 00(658):1-6 MAP
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Argidae, Insect biology, Insect names, Insect taxonomy, Zoogeography.

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NOTE ON SEVERAL PHYTOPHAGOUS MITES FROM THE ISLAND OF REUNION WITH A DESCRIPTION OF A NEW SPECIES OF THE GENUS EOTETRANYCHUS OUDEMANS (TETRANYCHIDAE). (FR)
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Insect taxonomy, Mites, Tetranychidae. English abstract

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Habitats, Insect taxonomy, Tetranychidae. English abstract

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L W Hepner
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Cicadellidae, Insect taxonomy.

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R L Hoffman H Lohmander
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Diplopoda, Insect taxonomy, Zoogeography.

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Aquatic insects, Ecology, Larvae, Light traps, Quantitative analysis, Sampling (statistics), Water.

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Argas zumpti, Argasidae, Birds, Insect dissemination, Ixodidae, Larvae, Nymphs, Parasitic insects.

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THE GENUS DIARTHROPHALLUS TRAGARDH, 1946. (ACARINA: DIARTHROPHALLIDAE).
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Acarina, Insect taxonomy, Larvae, Zoogeography.

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DIGAMASELLID MITES ASSOCIATED WITH BARK BEETLES AND LITTER IN NORTH AMERICA.
H W Hurlbutt
Acarologia 09(3):497-534 REF
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Forest litter, Insect ecology, Insect taxonomy, Larvae, Mites, Scolytidae.

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R F Hussey P Wygodzinsky
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Insect taxonomy, Reduviidae.

Abstract

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S Ito T Saigusa
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Diptera, Empididae, Insect taxonomy, Reviews.

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R Joly
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Insect ecology, Scolytidae, Zoogeography.

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Birds, Hippoboscidae, Ixodidae, Parasitic insects, Siphonaptera, Surveys.

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Insect taxonomy, Lycaenidae. English abstract

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Acrididae, Insect taxonomy. Spanish abstract

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N Y Entomol Soc J 76(3):213-221
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Insect taxonomy, Staphylinidae, Zoogeography. English abstract

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Insect evolution, Insect taxonomy, Staphylinidae, Zoogeography.

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Insect taxonomy, Pyralidae.

Abstract

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Carabidae, Cicindelidae, Coleoptera, Insect taxonomy.

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N A Kormilev
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Insect taxonomy, Phymatidae.

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Bees, Insect morphology, Insect taxonomy, Statistical analysis. Russian and english abstract

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Entomol Ber 28(2):21-23
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Hymenoptera, Insect taxonomy. English abstract

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Soc Entomol France Ann 02(3):731-746 REF
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Blattidae, Insect morphology, Insect taxonomy, Larvae, Zoogeography. English abstract

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Catalogs, Insect anatomy, Insect taxonomy, Staphylinidae.

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Insect taxonomy, Staphylinidae. English abstract

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Biological clocks, Equipment, Insects, Research, Time.

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J-c Lions
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Insect taxonomy, Larvae, Mites, Oribatei. French abstract

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Catalogs, Coccoidea, Homoptera, Insect taxonomy, Zoogeography.

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Carabidae, Habitats, Insect taxonomy.

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Sep 1968 434.8 AC1
Insect taxonomy, Mites, Parasitic insects.

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Aphididae, Hymenoptera, Insect taxonomy. English abstract

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Blattidae, Insect identification, Insect taxonomy. English abstract

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S Mahunka
Acarologia 09(1):26-29
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Insect taxonomy, Mites.

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Insect anatomy, Insect taxonomy, Larvae, Mites, Parasitic insects.

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M Maldague
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Collembola, Experimental insects, Insect collecting equipment, Soil analysis, Soil insects. English and french abstract

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H Malicky
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Austria, Insect taxonomy, Lepidoptera, Zoogeography.

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Insect morphology, Insect taxonomy, Tetranychidae. English abstract

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D C M Mansor
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Insect taxonomy, Tetranychus, Zoogeography.

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THE SPIDER MITE FAMILY TETRANYCHIDAE IN NEW ZEALAND. I. THE GENUS BRYOBIA.
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Insect morphology, Insect taxonomy, Mites, Tetranychidae. English abstract

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P M Marsh
Entomol Soc Wash Mem 70(3):208-210
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Braconidae, Food habits, Insect behavior, Insect taxonomy, Parasitic insects.

19454-68
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J Mateu
Soc Uruguaya Entomol Rev 7(00):72-79
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Carabidae, Insect taxonomy.

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K E Meadows
Fla Entomol 50(2):137-138
Jun 1967 420 F662
Strepsiptera, Zoogeography.

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DESCRIPTION AND BIOECOLOGICAL OBSERVATIONS OF A NEW SPECIES OF SCOTUSSA (ORTHOPTERA, ACRIDIDAE). (SP)
A Mesa L C dc Zolessi
Soc Uruguaya Entomol Rev 7(00):4-19 REF
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Acrididae, Insect ecology, Insect taxonomy. English and spanish abstract

19457-68
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Aphididae, Catalogs, Insect identification, Insect taxonomy.

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G D Morison
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Insect anatomy, Insect taxonomy, Larvae, Thripidae, Thysanoptera.

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C F W Muesebeck
Fla Entomol 50(1):57-61
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Braconidae, Hymenoptera, Insect taxonomy, Parasitic insects, Syrphidae.

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C F W Muesebeck
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Braconidae, Insect rearing, Insect taxonomy.

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M H Muma L J Metz M H Farrier
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Acarina, Insect taxonomy, Phytoseiidae.

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M H Naudo
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Insect taxonomy, Mites, Parasitic insects. French, german and english abstract

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THE GENERA COMPTOTOMA AND CHAETOGENYS (COL. CARABIDAE). (FR)
J Negre
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1966 420 F84
Carabidae, Insect taxonomy. Spanish abstract

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Argas persicus, Argas zumpti, Cells, Chromosomes, Cytogenetics, Ixodides, Nymphs.

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Coleoptera, Dytiscidae, Insect taxonomy, Zoogeography.

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Insect taxonomy, Lepidoptera, Lycaenidae.

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Coccidae, Insect taxonomy. French and english abstract

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A Peterson
Flo Entomol 50(3):181-183
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Insect eggs, Insect physiology, Insect taxonomy, Microlepidoptera, Moths.

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THE ZOPHOSIS OF SUDAN (COL. TENEBRIONIDAE). (FR)
F Pierre
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Insect taxonomy, Tenebrionidae, Zoogeography. English abstract

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Dermaptera, Insect identification, Insect taxonomy.

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A REVIEW OF THE GENUS TURACOECA WITH DESCRIPTION OF A NEW SPECIES (MALLOPHAGA: MENOPONIDAE).
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Insect taxonomy, Menoponidae, Parasitic insects.

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Aquatic birds, Argasidae, Ornithodoros, Zoogeography.

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K Rath
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Insect taxonomy, Lepidoptera, Pieridae, Zoogeography.

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Habitats, Insect taxonomy, Mites, Orihatei.

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ECOLOGICAL AND SYSTEMATICAL INVESTIGATION INTO CHIRONOMIDS (DIPTERA) OF LAKE CONSTANCE. A CONTRIBUTION TO THE 'LAKUSTRISCHEN' CHIRONOMID FAUNA OF THE NORTHERN ALPINE DISTRICTS. (GE)
F Reiss
Arch Hydrobiol 64(2):176-246 (CONT)
Mar 1968 410 AR28
Chironomidae, Insect ecology, Insect taxonomy, Lakes, Seasonal variation, Temperature.

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Apr 1968 410 AR28
Chironomidae, Insect ecology, Insect taxonomy, Lakes, Seasonal variation, Temperature. German and english abstract

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THE MALLOPHAGA GENUS RICINUS DE GEER, 1778. REVISION OF THE EXTERNAL AMERICAN SPECIES. (GE)
G Rheinwald
Hornburg Zool Mus Inst Mitt 65:181-326 REF
May 1968 410.9 H172
Insect biology, Insect taxonomy, Mallophaga, Zoogeography. German abstract

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MOYANELLA GIGAX BOSHELL AND KERR 1942, TYPE OF MOYANELLINAE N. SUB.-FAM. (ACARINA-THROMBIDIIDAE). (FR)
P Robaux
Acarologio 09(4):841-847
Dec 1967 434.8 AC1
Insect taxonomy, Mites, Zoogeography.

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J G Rozen
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I Sakakibara R W Strandtmann
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P R San Martin T K Cekalovic
Soc Uruguoyo Entomol Rev 7(00):80-96 MAP, REF
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F G A M Smit
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Insect taxonomy, Mites. French and english abstract

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R W Taylor
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Formicidae, Insect taxonomy, Zoogeography. English abstract

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J Therond A Hollande
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H A Thomas P H Darst M H Farrier
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E R Tinkham
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A N Tissot J O Pepper
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Aphididae, Homoptera, Insect taxonomy, Pinus, Rust (pinus).

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Empididae, Insect taxonomy, Zoogeography. English abstract

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P H Vercammen-Grandjean R B Loomis
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Insect taxonomy, Mites, Trombiculidae.

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Insect taxonomy, Parasitic insects, Trombiculidae, Zoogeography.

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Hymenoptera, Insect taxonomy. English and italian abstract

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Insect taxonomy, Reduviidae.

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Insect taxonomy, Pompilidae, Zoogeography. French abstract

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Coleoptera, Insect taxonomy, Tenebrionidae. English abstract

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Diprionidae, Insect taxonomy, Larvae, Pinus, Zoogeography. English abstract

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Coleoptera, Insect behavior, Insect physiology, Ips, Scolytidae, Stridulation.

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N Wilson R F Lawrence
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Insect taxonomy, Mice, Mites, Parasitic insects.

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S L Wood
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Host relationships, Insect taxonomy, Scolytidae, Zoogeography.

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S L Wood
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Central america, Coleoptera, Insect identification, Insect taxonomy, Scolytidae.

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Insect taxonomy, Mites, Stigmacidae. English abstract

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Acarina, Insect taxonomy, Mites.

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Curculionidae, Insect taxonomy.

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Collembola, Insect taxonomy, Zoogeography.

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W J Wrenn R B Loomis
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Curculionidae, Insect taxonomy, Zoogeography. English abstract

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F Abdel-Salam
Z Angew Zool 54(2):233-283 REF
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Anthocoridae, Apples, Chemical control (insects), Coccinellidae, Demography, Dimethoate, Fenthion, Insect ecology, Phosphamidon, Stigmaeidae. German and english abstracts

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K G Adiyodi K K Nayar
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Blood proteins, Insect physiology, Periplaneta americana, Starvation, Stress. English abstract

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R D Alexander D Otte
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Cannibalism, Gryllidae, Insect behavior, Orthoptera, Reproduction, Sex behavior.

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THE FORMATION OF OMMOCHROMES IN THE EYES DURING THE PUPAL DEVELOPMENT OF PLODIA INTERPUNCTELLA HB. (POR)
F X R F de Almeida
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1968 410.9 C66
Eyes, Insect physiology, Ommochromes, Pigments (insect), Plodia interpunctella, Pyralidae. English, portuguese and german abstracts

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A POSSIBLE PRECURSOR OF OMMIN IN SYNTHESIS OF OMMOCHROME OF PLODIA INTERPUNCTELLA HB. AND OF EPHESTIA KUHNIELLA Z. (POR)
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Coimbra Univ Mus Zool Mem Estud 306:1-17 REF
1968 410.9 C66
Ephestia, Eyes, Insect physiology, Ommochromes, Pigments (insect), Plodia interpunctella, Pyralidae. English, portuguese and german abstracts

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USE OF A NEW LURE IN THE BASE DODECACLORO (MIREX 0.450) FOR THE CONTROL OF ANTS: ATTA SEXDENS RUBROPILOSA (FOREL, 1908) AND ATTA LAEVIGATA (F. SMITH, 1858)--HYMENOPTERA, FORMICIDAE. (POR)
E Amante
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Atta, Attractants, Chemical control (insects), Formicidae, Insect control, Mirex. English abstract

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N H Anderson J E Bremer
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Insect collecting equipment, Insect eggs, Insect rearing, Larvae, Scolytidae.

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G M Arru
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Breeding, Parthenogenesis, Reproduction, Tenthredinidae. English and italian abstract

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R Bahrmann
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A S Balachowsky D Ferrero
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Coccoidea, Homoptera, Insect taxonomy. English abstract

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I Balazs M Agosin
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Insect biochemistry, Musca domestica, Research, Ribonucleic acid. English abstract

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F L Banham D G Finlayson
Entomol Soc British Columbia J 64:17-22 MAP
01 Aug 1967 420 B77 (2)
Chlorinated hydrocarbons, Chrysomelidae, Diazinon, Dieldrin, DDT, Epitrix tuberis, Insecticide resistant insects, Zoogeography. English abstract

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STUDY OF VERSON'S GLIND IN GALLERIA MELLONELLA (LEPIDOPTERA PYRALIDAE) IN THE COURSE OF THE CUTICULAR CYCLE: HISTOLOGY, CYTOCHEMISTRY AND ELECTRON MICROSCOPY. (FR)
R Barbier
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Biochemistry, Cytology, Electron microscopy, Galleria mellonella, Glands (insects), Insect histology, Insect morphology, Insect physiology, Secretions. French abstract

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Insect biology, Phasmatidae. English abstract

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Anthocoridae, Insect ecology, Pinus, Predaceous insects. French and english abstract

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R Bluzat
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18 Dec 1967 505 P21
Embryology, Insect physiology, Irradiation, Larvae, Leptinotarsa decemlineata, Radiobiology, X-rays. French abstract

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RESEARCH ON THE DETERMINATION OF THE PRODUCTION OF WINGED SEXUPARES IN THE MALE DYSAPHIS PLANTAGINEA PASS. (HOM. APHIDIDAE). (FR)
L Bonnemaison
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Dysaphis plantaginea, Insect ecology, Insect physiology, Photoperiodism, Reproductive organs. German abstract

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C Bordereau
Acad Sci Compt Rend Ser D Sci Nat 265(25):1997-2000
18 Dec 1967 505 P21
Cuticle, Insect morphology, Larvae, Reproductive organs, Sex, Termites. French abstract

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STUDIES ON THE STRUCTURE OF THE EGGS OF AN INDIAN STINK BUG CYCLOPELTA SICCIFOLIA WESTWOOD (HEMIPTERA-HETEROPTERA PENTHTOMIDAE).
K C Bose P B Sinha
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Oct 1968 421 EN8
Heteroptera, Insect eggs, Insect morphology, Insect physiology, Pentatomidae.

19558-68
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M Boulard
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1965 420 F84
Cicadidae, Embryology, Insect histology, Insect morphology, Insect physiology, Reproductive organs. English abstract

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NOTES ON THE BIOLOGY OF THE LARVAL CIGALES (HOM. CICADIDAE). (FR)
M Boulard
Soc Entomol France Ann 01(3):503-521 REF
1965 420 F84
Cicadidae, Insect behavior, Insect biology, Insect rearing, Insect taxonomy, Larvae. French and english abstract

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CONTRIBUTION TO THE STUDY OF THE PHOTOPERIODIC PHENOMENA OF MEGOURA VICIAE. (HOMI APHIDIDAE). (FR)
G Boulay
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Aphididae, Biological clocks, Insect physiology, Photoperiodism.

19561-68
GENERALIZATION, IN VARIOUS INSECTA, OF DEUTOCEREBRALE INERVATION OF THE CORPORA CARDIACA AND NEUROSECRETORY ROLE OF THE NERVI CORPORIS CARDIACI IV. (fr)
P Brousse-Gaury
Acad Sci Compt Rend Ser D Sci Nat 265(25):2043-2046
18 Dec 1967 505 P21
Hormones, Insect physiology, Nervous system, Secretion. French abstract

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VARIATION IN THE PATTERN OF THE FREE AMINO ACIDS IN FEMALES AND WORKERS OF FORMICA POLYCTENA FORST. (HYM. FORMICIDAE) DURING METAMORPHOSIS. (GE)
H Brunnert
Zool Jahrbucher Abt Allg Zool Physiol Tiere 73(1-2):102-173 REF
1967 410 Z751Z
Amino acids, Formicidae, Insect metabolism, Insect physiology, Metamorphosis. German abstract

19563-68
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J S Buckett
Calif Bur Entomol Occas Pap (12):3-21 CONT
Jul 1968 420 C122
Insect biology, Insect ecology, Insect identification, Noctuidae, Zoogeography.

19564-68
CHANGES IN FATTY ACID COMPOSITION OF CULEX PIPIENS DURING HIBERNATION.
J D Buffington J H Zar
Entomol Soc Amer Ann 61(3):774-775 REF
May 1968 420 EN82
Chromatography, Culex pipiens pipiens, Hibernation, Insect physiology, Lipids, Temperature.

19565-68
POPULATION ASSESMENT AND MOVEMENT IN PTILOMERA DROMAS BREDDIN (HEMIPTERA-GERRIDAE).
J A Bullock J I Furtado
Arch Hydrobiol 64(2):121-130
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Gerridae, Population statistics, Streams. German and english abstract

19566-68
THE EFFECT OF CYTOSTATIC SUBSTANCES ON THE GONADS OF SOME LEPIDOPTERA.
M A Bulyginskaya T V Ivanova G D Chugunova
Entomol Rev 46(3):341-348 REF
Jul 1967 421 R322AE
Carpocapsa pomonella, Chemosterilants, Gonads, Lepidoptera, Spodoptera exigua, Sterilization, Tepa. English abstract

19567-68
COCKROACH CONTROL - PAST, PRESENT AND FUTURE.
G S Burden
Pest Contr 35(9):20,22,24,26
Sep 1967 449.8 EX8
Blattidae, Carbamates, Chemical control (insects), Chemosterilants, Chlorinated hydrocarbons, DDT, Fumigants, Organophosphorus compounds, Pyrethrum.

19568-68
SPECIAL EFFECTS AND TERATOLOGICAL SYMPTOMS OF THE THERMOSTABLE TOXIN OF B. THURINGIENSIS AS A FUNCTION OF THE PHYSIOLOGICAL AGE OF INSECTS. (FR)
A Burgerjon G Biache
Soc Entomol France Ann 03(4):929-952 REF
1967 420 F84
Bacillus thuringiensis, Insect abnormalities, Insect morphology, Insect physiology, Pieridae, Toxins.

19569-68
INTERNAL ORGANIZATION AND MORPHOLOGY OF THE TERMINAL LARVAL STAGE OF OPIUS CONCOLOR. (HYM. BRACONIDAE). (FR)

J Cals-Usciati
Soc Entomol France Ann 02(3):629-640 REF
1966 420 F84
Braconidae, Insect anatomy, Insect morphology, Larvae. French and italian abstract

19570-68
A SOFT SCALE OF VINEYARDS, NEW FOR FRANCE: NEOPULVINARIA IMERETINA HADZ. (COCCOIDEA COCCIDAE). (FR)
M Canard
Soc Entomol France Ann 02(1):189-197 REF
1966 420 F84
Coccidae, Insect biology, Insect taxonomy. French and english abstract

19571-68
RHIZOPULVINARIA OF MEDITERRANEAN PINKS. (COCCOIDEA-COCCIDAE). (FR)
M Canard
Vie Milieu Ser C Biol Terrestre 18(1):169-184
1967 QH301.V5
Coccidae, Dianthus, Habitats, Insect biology, Insect morphology, Insect taxonomy, Mediterranean, Parasitic insects. French, english and german abstract

New species of cottony scales are described, habitats given, morphological characteristics discussed and developmental stages outlined. only the male has been found.

19572-68
DIFFERENTIATION OF THE MALE SEXUAL CHARACTERISTICS OF TWO ACRIDIDS, AFTER IMPLANTATION OF CORPUS ALLATA DURING THE LAST LARVAL STAGES. (FR)
A-m Cantacuzene
Acad Sci Compt Rend Ser D Sci Nat 267(7):749-752 REF
12 Aug 1968 505 P21
Insect morphology, Insect physiology, Locusta migratoria, Schistocerca, Sex. French abstract

19573-68
IMMATURE STAGES OF AUSTRALIAN ANTHOPHORINAE (HYMENOPTERA: APOIDEA).
J Cardale
Entomol Soc Australia (nsw) J 07(1):35-41 REF
30 Jun 1968 423.92 EN84
Hymenoptera, Insect behavior, Insect morphology, Insect taxonomy, Larvae. English abstract

19574-68
PARASITES AND OTHER ORGANISMS ASSOCIATED WITH NESTS OF AMEGILLA FRIESE (HYMENOPTERA: ANTHOPHORINAE).
J Cardale
Entomol Soc Australia (nsw) J 07(1):29-34 REF
30 Jun 1968 423.92 EN84
Dermestidae, Insect behavior, Insect rearing, Parasitic insects, Parasitism, Sarcophagidae. English abstract

19575-68
DROSOPHILA ENDOBRANCHIA, A NEW DROSOPHILID ASSOCIATED WITH LAND CRABS IN THE WEST INDIES.
H L Carson M R Wheeler
Entomol Soc Amer Ann 61(3):675-678
May 1968 420 EN82
Crabs, Drosophila carcinophila, Drosophila endobranchia, Insect anatomy, Ovipositors, Soils.

19576-68
ON THE COMPOSITION OF THE TOXIN OF THE INSECT CALOSOMA SYCOPHANTA L. (COLEOPTERA CARABIDAE). (IT)
G Casnati M Pavan A Ricca
Soc Entomol France Ann 01(3):705-710
1965 420 F84
Biochemistry, Carabidae, Insect physiology, Venoms. French and italian abstract

19577-68
SUMMARY OF THE PHOTOPERIODIC EFFECTS AND DETERMINATION OF THE PHASE CHARACTERISTICS IN LOCUSTA MIGRATORIA MIGRATORIOIDES, GREGARIOUS PHASE. (FR)
P Cassier
Soc Entomol France Ann 03(3).873-883 REF
1967 420 F84
Biological clocks, Fertility, Insect physiology, Locusta migratoria, Photoperiodism, Population, Temperature. French and english abstract

19578-68
ALPHA-FARNESENE, DUFOUR'S GLAND SECRETION IN THE ANT APHAENOGASTER LONGICEPS (F. SM.).
G W K Cavill P J Williams F B Whitfield
Tetrahedron Lett 23:2201-2205
Jun 1967 385 T29
Aphaenogaster longiceps, Chromatography, Formicidae, Glands (insects), Spectroscopy.

19579-68
RESEARCH ON THE ATTRACTIVENESS OF VARIOUS CONIFERS IN REGARD TO IPS SEXDENTATUS. (FR)
C Chararas
Soc Entomol France Ann 03(3):777-785
1967 420 F84
Attractants, Coniferae, Insect behavior, Insect pests, Ips sexdentatus, Parasitic insects, Scolytidae. German abstract

19580-68
A REVISION OF THE GENUS ARHYSSUS STAL.
N P Chopra
Entomol Soc Amer Ann 61(3):629-655,MAP REF
May 1968 420 EN82
Arhyssus, Arhyssus scutatus, Insect taxonomy. Corizus brevipilis, Corizus indentatus and Corizus tuberculatus are synonyms of Arhyssus scutatus.

19581-68
MORPHOLOGICAL ANOMALIES IN FLEAS (SIPHONAPTERA).
A J M Claassens
Entomol Soc Southern Afr J 29:124-134
31 Mar 1967 420 EN86
Ceratophyllus gallinae, Insect abnormalities, Insect morphology, Siphonaptera.

19582-68
PROCEEDINGS: TWENTIETH ANNUAL MEETING OF THE UTAH MOSQUITO ABATEMENT ASSOCIATION.
G C Collett M K Benge
Utah Mosquito Abatement Ass Proc 33 P
Oct 1967 420 UT1
Agricultural outlook, Biology, Culicidae, Insect control, Insect dissemination, Pesticides, Research, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19583-68
BEE HOUSE HAS ADVANTAGES WHEN RAISING QUEEN CELLS.
V A Cook
New Zeal J Agr 116(6):54-55
Jun 1968 23 N48J
Apiaries, Apiculture, Insect rearing, Queen bees.

19584-68
PURIFICATION AND STUDY OF THE SPECIFICITY OF MAY BUG TREHALASE (MELOLONTHA VULGARIS). (FR)
J-e Courtois F Percheron E Guilloux
Acad Sci Compt Rend Ser D Sci Nat 265(25):2111-2114 REF
18 Dec 1967 505 P21
Enzymes, Insect physiology, Scarabaeidae, Trehalase. French abstract

19585-68
DIFFERENTIAL SENSIBILITY OF THE COMMON MAY-BUG, MELOLONTHA MELOLONTHA, L. (COL. SCARABEIDAE) TO CERTAIN WAVELENGTHS OF THE VISIBLE SPECTRUM. (FR)
A Couturier
Soc Entomol France Ann 03(3):767-770
1967 420 F84
Diurnal rhythm, Insect flight, Insect physiology, Light, Photoperiodism, Photosensitization, Scarabaeidae.

19586-68
THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. NOTES ON A COLONY OF ORECTOGNATHUS ANTENNATUS FR. SMITH (HYMENOPTERA: MYRMICIDAE) FROM THE COROMANDEL PENINSULA.
R A Cumber
New Zeal Entomol 4(1):43-44
Mar 1968 421 N48
Hymenoptera, Insect biology, Insect identification, Social insects. English abstract

19587-68
COMPARATIVE STUDY, DYSDERCUS DISCOLOR WALKER, OF THE NORMAL GROWTH AND OF GROWTH IN THE PRESENCE OF THE PAPER FACTOR . (FR)
J Cuzin-Roudy
Arch Zool Exp Gen 109(1):3-23 REF
15 Jul 1968 410 AR24
Growth factors, Insect morphology, Insect physiology, Pyrrhocoridae. French and english abstract

19588-68
INTERSPECIFIC COMPETITION, EGG CANNIBALISM AND THE LENGTH OF LARVAL INSTARS IN TRIBOLIUM.
P S Dawson
Evolution 21(4):857-858
28 Dec 1967 443.8 EV62
Cannibalism, Competition, Insect behavior, Insect biology, Insect eggs, Tribolium.

19589-68
DESCRIPTION OF A METHOD FOR REARING CHIRONOMIDES ADAPTED FOR TROPICAL COUNTRIES. (FR)
C Dejoux
Hydrobiologia 31(3-4):435-441
17 Jul 1968 410 H992
Chironomidae, Climate, Insect rearing equipment. French, german and english abstract

19590-68
IMMUNOLOGICAL HOMOLOGY BETWEEN CRYSTAL AND SPORE PROTEIN OF BACILLUS THURINGIENSIS.
F P Delafield H J Somerville S C Rittenberg
J Bacteriol 96(2):713-720 REF
Sep 1968 448.3 J82
Absorption (biological), Bacillus thuringiensis, Bacteriology, Immunochemistry, Proteins. English abstract

19591-68
CONTRIBUTION TO THE LABORATORY STUDY OF PNIGALIO MEDITERRANEUS. (HYM. CHALCIDOIDEA EULOPHIDAE). (FR)
P Delanoue Y Arambourg
Soc Entomol France Ann 03(4):909-927 REF
1967 420 F84
Chalcididae, Daeus oleae, Eulophidae, Insect behavior, Insect biology, Larvae, Parasitic insects. French and english abstract

19592-68
NOTES ON THE CALIFORNIA RED SCALE (AONIDIELLA AURANTII MASKELL) IN MOROCCO (HOM., COCCOIDEA). (FR)
V Delucchi
Soc Entomol France Ann 1(4):739-788 REF
1965 420 F84
Aonidiella aurantii, Biological control (insects), Chemical control (insects), Citrus, Diaspididae, Insect behavior, Insect control, Insecticide resistant insects, Zoogeography. English abstract

19593-68
DEVELOPMENTAL AND SEXUAL DIFFERENCES OF BLOOD PROTEINS IN THE SILKWORM, BOMBYX MORI. (JA)
H Doira
Kyushu Univ Fac Agr Sci Bull 23(4):205-214
Sep 1968 107.6 K995B
Blood proteins, Bombyx, Electrophoresis, Insect physiology, Sex determination. English abstract

19594-68
OBSERVATIONS ON SOUND TRANSMISSION IN THE PHASMID OF THE CONGO, PALOPHUS CENTAURUS. (CHELEUT. PHASMIDAE). (FR)
B Dumortier F Vincent
Soc Entomol France Ann 03(4):967-975 REF
1967 420 F84
Insect anatomy, Insect behavior, Phasmatidae, Stridulation. French and english abstract

19595-68
STUDIES ON THE INTERNAL ANATOMY OF THE BLACK CARPET BEETLE, ATTAGENUS MEGATOMA.
F V Dunkel G M Boush
Entomol Soc Amer Ann 61(3):755-765
May 1968 420 EN82
Attagenus megatoma, Gastrointestinal system, Insect anatomy, Insect histology, Larvae, Reproductive organs.

19596-68
STUDY OF A DIPRION PINI POPULATION IN THE FONTAINEBLEAU FOREST. (HYM. DIPRIONIDAE). I. BIOLOGICAL DATA ON DIPRION PINI AND ITS PRINCIPLE PARASITES. (FR)
G Dusaussoy C Geri
Soc Entomol France Ann 02(3):503-534 REF MAP
1966 420 F84
Diprionidae, Forest insects, Insect biology, Insect diseases, Insect morphology, Insect outLreaks. German and french abstract

19597-68
EXPERIMENTAL INVESTIGATION INTO THE PHYSIOLOGY OF MOLTING OF SPIDERS. (GE)
M Eckert
Zool Jahrbucher Abt Allg Zool Physiol Tiere 73(1-2):49-101 REF
1967 410 Z751Z
Insect physiology, Metamorphosis, Molting (insects), Spiders. German abstract

19598-68
PHYTOSEIID MITES FROM OKINAWA ISLAND (ACARINA: MESOSTIGMATA).
S Ehara
Mushi 40(PT 6):67-82 REF
24 Mar 1967 421 M97
Acarina, Catalogs, Oriental region, Taxonomy.

19599-68
METHOD OF PRODUCTION AND TECHNICAL EQUIPMENT FOR INSECTICIDE APPLICATION. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
W Eichler E Hahn
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1965
Attractants, Equipment, Formulations, Insect repellents, Insecticide application, Insecticides.

19600-68
USE OF INSECTICIDES FOR PROTECTING PLANTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
W Eichler J Hartisch
155-212
1965
Chemical control (insects), Fruit, Insect control, Insecticide application, Plants, Vegetables.

19601-68
INSECT CONTROL AND CHEMISTRY. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
W Eichler
3-12
1965
Biological control (pests), Chemical control (insects), History, Industry, Insecticides.

19602-68
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H E Evans
Natur Hist 77(9):40-42,68-71
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Biochemistry, Insect physiology, Lampyridae, Luminescence.
A general review of past research activities concerning the origins and physiology of luminescence in insects and other organisms.

19603-68
THE PTEROTHORACIC MUSCULATURE OF DEROPELTIS ERYTHROCEPHALA, A COCKROACH WITH A WINGLESS FEMALE, AND THE ORIGIN OF WING MOVEMENTS IN INSECTS.
D W Ewer L S Nayler
Entomol Soc Southern Afr J 30(1):18-33
Jun 1967 420 EN86
Blattidae, Insect evolution, Insect morphology, Muscles, Nervous system. English abstract

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THE MORTALITY OF HONEY BEES BY MEANS OF AN UNKNOWN AGENT. (POR
C F C Filho
Biologico 34(2):42-44 REF
Feb 1968 442.8 B529
Insect diseases, Mortality.

19605-68
THE POLLINATION OF OILSEED RAPE (BRASSICA NAPUS) AND THE BEHAVIOUR OF BEES ON THE CROP.
J B Free P M Nuttall
J Agr Sci &london& 71(1):91-94 REF
Aug 1968 10 J822
Apis mellifera, Insect behavior, Oilseeds, Pollination, Rape. English abstract

19606-68
THE FINE STRUCTURE OF BABESIA OVIS (PIROPLASMIDEA) IN RHIPICEPHALUS BURSA (IXODOIDEA): TRANSFORMATION OF SPHERICAL FORMES TO VERMICULES. (GE)
K Friedhoff E Scholtyseck
Z Parasitenk 30(4):347-359 REF
26 Jul 1968 442.8 Z33F
Electron microscopy, Insect diseases, Insect histology, Ixodidae, Ovaries, Piroplasmosis. German and english abstract

19607-68
THE BIOCHEMICAL BASIS OF FEMALE MONOGAMY IN MOSQUITOES. I. EXTRACTION OF THE ACTIVE PRINCIPLE FROM AEDES AEGYPTI.
M S Fuchs G B Craig E A Hiss
Life Sci 7(16):835-839
15 Aug 1968 442.8 L62
Aedes aegypti, Artificial insemination, Glands (insects), Insect physiology, Reproduction, Sterility.

19608-68
PRELIMINARY NOTE ON THE BIOLOGY OF A HYMENOPTERA SPHECIDAE: PODALONIA (PSAMMOPHILA) HIRSUTA (SCOPOLI). (FR)
J Fulcrand
Vie Milieu Ser C Biol Terrestre 18(1):185-188
1967 QH301.V5
Insect biology, Insect rearing, Reproduction, Sphecidae. French, english and german abstract
The main activities of the biological cycle before and after nest-building period is studied in Podalonia hirsuta.

19609-68
ON THE HISTOCHEMISTRY AND HISTOLOGY OF THE MID-INTESTINES OF AEDES AEGYPTI AND ANOPHELES STEPHENSI IN CONNECTION WITH BLOOD DIGESTION. (GE)
E Gander
Acta Trop 25(2):133-175 REF
1968 475 AC8
Aedes aegypti, Anopheles, Blood, Digestion, Insect biology, Insect histology. German, french and english abstract

19610-68
CHOLINE ACTIVITY DURING THE DEVELOPMENT OF DROSOPHILA MELANOGASTER.
B W Geer G F Vovis M A Yund
Physiol Zool 41(3):280-292 REF
Jul 1968 410 P56
Choline, Drosophilidae, Fertility, Insect morphology, Insect physiology, Larvae. English abstract

19611-68
DIPTEROUS EGGS AS FOOD FOR ADULT COCCINELLIDAE (COLEOPTERA: COCCINELLIDAE).
J W Gentry E J Gerberg
Entomol Soc Wash Mem 70(2):142
Jun 1968 420 W27M
Aedes aegypti, Coccinellidae, Feeding, Insect eggs, Musca domestica.

19612-68
STUDY OF A DIPRION PINI POPULATION IN THE FONTAINEBLEAU FOREST (HYM. DIPRIONIDAE). II. ESTABLISHING A MORTALITY TABLE. (FR)
C Geri G Dusaussoy
Soc Entomol France Ann 02(3):535-548
1966 420 F84
Diprionidae, Forest insects, Insect ecology, Mortality, Population. German and french abstract

19613-68
THE 1958 PINE TIP MOTH COLLAPSE IN OHIO.
L P Gibson
Entomol Soc Amer Ann 61(3):786-787
May 1968 420 EN82
Insect rearing, Parasitism, Pupae, Rhyacionia frustrana, Rhyacionia rigidana, Sampling (statistics), Temperature.

19614-68
A QUANTITATIVE ANALYSIS OF CITRIC ACID CONTENT DURING ONTOGENESIS OF LEPTINOTARSA DECEMLINEATA (SAY).
R Gieryng Z Ilezuk
Zool Pol 18(2):219-224
1968 410 Z712
Citric acid, Insect morphology, Insect physiology, Leptinotarsa decemlineata. English, polish and russian abstract

19615-68
OBSERVATIONS ON THE BEHAVIOR OF THE BLUE TICK, BOOPHILUS DECOLORATUS (KOCH) (ACARINA: IXODIDAE).
J M Goldsmid
Entomol Soc Southern Afr J 29:74-89 REF
31 Mar 1967 420 EN86
Boophilus, Humidity, Insect behavior, Ixodidae, Larvae, Light, Temperature. English abstract

19616-68
THE AFFECT OF INSECTICIDES ON INSECTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
A Goos
389-410
1965
Chlorinated hydrocarbons, DDT, Insect anatomy, Insecticides, Organophosphorus compounds.

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NEW OBSERVATIONS ON ORIBATES. (5). (FR)
F Grandjean
Acarologia 09(1):242-272 REF

Apr 1967 434.8 AC1
Insect anatomy, Insect biology, Larvae, Mites, Oribatei.

19618-68
NAVICULOID SCALES IN THE FORE WING TERMINAL BORDERS OF COLIAS SPECIES. (LEPIDOPTERA: PIERIDAE).
P H H Gray
Entomologist (london) 101(1263):175-177
Aug 1968 421 EN8
Insect morphology, Lepidoptera, Pieridae, Scales (insects), Wings (insects).

19619-68
THE ROLE OF THE PAPUAN AREA IN INSECT EVOLUTION AND DISSEMINATION.
J L Gressitt
Mushi 40(PT 8):89-95 MAP
24 Mar 1967 421 M97
Chrysomelidae, Coleoptera, Insect dissemination, Insect evolution, Zoogeography.

19620-68
DESCRIPTION OF THE METAMERIC NEUROHEMAL ORGANS IN THE VENTRAL NERVOUS SYSTEM OF TWO COLEOPTERA: CHRYSOCARABUS AURONITENS FABR. (CARABIDAE) AND ORYCTES RHINOCEROS L. (SCARABAEIDAE). (FR)
J-p Grillot
Acad Sci Compt Rend Ser D Sci Nat 267(7):772-775
12 Aug 1968 505 P21
Carabidae, Insect morphology, Insect physiology, Nervous system, Scarabaeidae. French abstract

19621-68
HISTOCHEMICAL STUDIES ON THE 'CORPUS LUTEUM' IN LOCUSTA MIGRATORIA (R. F.).
P D Gupta
Zool Pol 18(2):225-231 REF
1968 410 Z712
Biochemistry, Corpus luteum, Histology, Insect physiology, Locusta migratoria. English, polish, and russian abstracts

19622-68
PROSPECTS FOR NONCHEMICAL INSECT CONTROL- AN INDUSTRIAL VIEW.
R Hansberry
Entomol Soc Amer Bull 14(3):229-235 REF
Sep 1968 423.9 EN8
Accident prevention, Biological control (insects), Chemical control (insects), Chemosterilants, Industry, Insect control, Insect outbreaks, Insect repellents, Integrated control (insects), Public health, Reports, Research, Tables (data).

19623-68
NOTES ON THE BIOLOGY OF BACCHA FASCIPENNIS WIED. (DIPTERA, SYRPHIDAE).
T L Harris C L Hamrum
Entomol News (philadelphia) 79(8):225-228
Oct 1968 421 EN88
Baccha, Diptera, Insect morphology, Predaceous insects, Pseudococcus, Syrphidae.

19624-68
ON THE MODIFICATION OF THE EYE PATTERN ON THE WINGS OF INACHIS IO (LEP., NYMPHALIDAE) WITH ANALOGOUS TEMPERATURE EXPERIMENTS. (GE)
H R Hassler
Entomol Z 78(16):177-185
15 Aug 1968 421 EN85
Insect adaptation, Insect morphology, Nymphalidae, Temperature, Wings (insects).

19625-68
RESISTANCE OF FORAGE PLANTS TO THE FEEDING OF MELANOPLUS SANGUINIPES.
G B Hewitt
Entomol Soc Amer Ann 61(3):739-744 REF
May 1968 420 EN82
Feeding, Food plants, Forage plants, Grasses, Melanoplus sanguinipes.

19626-68
QUANTITATIVE ASPECTS OF THE SYNERGISM BETWEEN CARBARYL AND SOME 1,3-BENZODIOXOLE (METHYLENEDIOXYPHENYL) COMPOUNDS IN HOUSEFLIES.
P S Hewlett C F Wilkinson
J Sci Food Agr 18(7):279-282
Jul 1967 382 SO12
Benzodioxole (methylenedioxybenzene), 1,3-, Carbaryl, Musca domestica, Toxicology.

19627-68
ON THE HEMOPOIETIC NATURE OF THE PHAGOCYTIC ORGAN (CUENOT) OF GRILLUS BIMACULATUS (ORTHOPTERA ENSIFERA). (FR)
J A Hoffmann A Porte P Joly
Acad Sci Compt Rend Ser D Sci Nat 267(7):776-777
12 Aug 1968 505 P21
Insect physiology, Orthoptera, Phagocytes, Phagocytosis. French abstract

19628-68
TICKS (IXODOIDEA) OF MT. SONTRA, DANANG, REPUBLIC OF VIETNAM.
H Hoogstraal F J Santana P F D Van Peenen
Entomol Soc Amer Ann 61(3):722-729 REF
May 1968 420 EN82
Insect rearing, Ixodides, Laboratories, Larvae, Nymphs, Parasitic insects.

19629-68
A REVIEW OF THE PROBLEM OF INSECTICIDE RESISTANCE IN AUSTRALIA.
G H S Hooper
Entomol Soc Australia (nsw) J 07(1):67-76 REF
30 Jun 1968 423.92 EN84
Insect genetics, Insect metabolism, Insecticide resistant insects, Reviews. English abstract

19630-68
CHROMOSOMAL DNA SYNTHESIS IN DROSOPHILA MELANOGASTER.
E F Howard W Plaut
J Cell Biol 39(2):415-429 REF
Nov 1968 442.8 J828
Chromosomes, Cytology, Deoxyribonucleic acid, Drosophila melanogaster, Insect genetics, Insect metabolism. English abstract

19631-68
STANDARDIZED REARING METHODS OF INSECTS OF STORED GOODS AND MATERIALS. (DU)
H J Hueck
Entomol Ber 28(5):82-83
01 May 1968 420 N38B
Attagenus piceus, Dermestidae, Insect rearing, Methodology, Tineidae, Tineola bisselliella. English abstract

19632-68
A NEW SPECIES AND TWO NEW NAMES OF THE POLYRHACHIS ANTS (HYMENOPTERA: FORMICIDAE).
A C F Hung
Mushi 40(PT 16):199-202
24 Mar 1967 421 M97
Formicidae, Hymenoptera, Insect taxonomy.

19633-68
GLUTATHIONE TURNOVER IN TRIATOMA INFESTANS TREATED WITH 2,2-BIS-(P-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE.
J Ilivicky M Agosin
Exp Parasitol 20(3):345-356 REF
Jun 1967 436.8 EX7
Biochemistry, DDT, Ethyl chloride, Glutathione, Reduviidae, Triatoma. English abstract

19634-68
SURVEY OF THE EMBRYONIC AND POST EMBRYONIC DEVELOPMENT OF THE HOUSE CRICKET, ACHETA DOMESTICUS (L.). (FR)
L J Jobin L Hout
Natur Can 93(6):701-718 REF
Nov 1966 410 N216
Acheta domesticus, Embryology, Gryllidae, Insect morphology, Larvae. English and french abstract

19635-68
COMPARISON OF THE SIZE AND PHYSIOLOGICAL ACTIVITY OF THE CORPORA ALLATA OF LOCUSTA MIGRATORIA L. (FR)
P Joly
Soc Entomol France Ann 03(3):601-608
1967 420 F84
Corpora allata, Glands (insects), Insect morphology, Insect physiology, Locusta migratoria, Metamorphosis.

19636-68
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Entomol Ber 27(11):209-213
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Insect rearing, Lepidoptera, Methodology, Notodontidae. English abstract

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R L Kalra
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Culex, Culicidae, Diptera, DDT, Insect protective devices, Insecticide resistant insects, Insecticides. English abstract

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Aedes aegypti, Culex pipiens, DDT, Insect metabolism, Toxicology. English abstract

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18 Dec 1967 505 P21
Hormones, Insect physiology, Larvae, Oogenesis, Ovaries, Pieridae, Reproductive organs, Transplanting, Vitellin. French abstract

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Costelytra zealandica, Curculionidae, Methodology, Pastures, Population, Sampling (statistics).

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Ceratopogonidae, Culicoides, Demography, Light traps, Seasonal variation.

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S Kimoto
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S Kimoto
Esakia (6):27-54 MAP REF
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Chrysomelidae, Insect ecology, Quantitative analysis, Zoogeography. English abstract

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Chrysomelidae, Coleoptera, Insect taxonomy.

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Braconidae, Egg yolks, Insect anatomy, Insect histology, Insect physiology.

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S L Kingan J C Ensign
J Bacteriol 96(3):629-638 REF
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Autolysis, Bacillus thuringiensis, Bacteriology, Cell wall, Enzymes. English abstract

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K Kiritani N Hokyo K Kimura
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1966 420 F84
Climate, Demography, Hibernation, Mortality, Nezara viridula, Temperature. French and english abstract

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L E Klostermeyer C F S Hoo
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Alfalfa, Chromosomes, Hibernation, Megachile rotundata, Microscopy, Research, Temperature.

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Galleria mellonella, Insect diseases, Intestines, Larvae, Viruses. English and french abstract

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P A Kurup R M Nair P J Vijayammal S Leelamma
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Arachnida, Blood chemistry, Hexosamines, Hexoses, Insect biology, Proteins, Scorpionida, Seromucoid, Sialic acids. English abstract

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Animal extracts, Blood cells, Enzymes, Metabolism, Pentoses, Plasmodium, Rodents. English abstract

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Soc Entomol France Ann 03(4):953-965
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Acuticauda erigerontis, Aphididae, Erigeron, Gall-making insects, Insect biology, Insect taxonomy, Parasitic inseets, Plant galls.

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Entomol Soc British Columbia J 64:56-59
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Insect biology, Lepidoptera, Parthenogenesis, Psychidae, Reproduction, Zoogeography. English abstract

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Bees, Formieidae, Hymenoptera, Insect taxonomy, Wood. English abstract

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A D Lowe
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Alnus glutinosa, Aphididae, Inseet biology, Insect identification.

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Ecology, Statistical analysis.

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D Ludwig G F Rajendram L J Ramazzotto
N Y Entomol Soc J 76(1):27-31 REF
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Carbohydrates, Glucose, Insect eggs, Insect morphology, Insect nutrition, Tenebrio molitor, Trehalose.

Abstract

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Drosophilidae, Gelechiidae, Hemiptera, Insect identification, Lepidoptera.

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Climate, Demography, Gryllidae, Insect adaptation, Insect ecology, Insect morphology.

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R B Mathur
Mushi 40(PT 11):139-146
24 Mar 1967 421 M97
Arctiidae, Insect morphology, Insect physiology, Lepidoptera.

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Coleoptera, Culture media, Insects, Manures, Research.

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New Zealand J Sci 11(3):440-446
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Aphididae, Brassica, Brevicoryne brassicae, Cruciferae, Glucosidases, Insect biochemistry, Insect metabolism, Isothiocyanates. English abstract

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D L McLean M G Kinsey
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Acyrthosiphon pisum, Aphididae, Broadbeans, Cowpeas, Feeding, Insect behavior, Insect physiology, Leaves, Lettuce, Salivary glands (insects). Grant NSF GB-3982

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J Merle J David
Acad Sci Compt Rend Ser D Sci Nat 265(25):2070-2073
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Drosophilidae, Insect behavior, Insect eggs, Insect physiology, Oviposition, Ovulation. French abstract

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R L Metcalf W B Gruhn T R Fukuto
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Biological assay, Carbamates, Electrophysiology, Insecticides, Nervous system, Periplaneta americana, Phenylcarbamates, Stereochemistry, Toxicology.

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T A Miller R E Treece
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Gonadotropins, Insect physiology, Musca autumnalis, Ovipositors, Research.

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G D Miner G S Kennington
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Anoxia, Hymenoptera, Insect metabolism, Larvae, Pteromalidae. English abstract

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Entomology, Insect ecology, Statistical analysis.

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M H Muma
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Arachnida, Food habits, Insect behavior, Predaceous insects.

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Diptera, Hydrachnellae, Insect behavior, Insect biology, Larvae, Odonata, Parasitic insects, Plecoptera. German, russian and english abstract

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Utah Mosquito Abatement Ass Proc 1967 MEETING:12-14
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Aedes nigromaculis, Biology, Chemical control (insects), Insect control, Insecticides, Spraying equipment, Surveys. Proceedings of the 20th Annual Meeting of Utah Mosquito abatement Ass.

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NEURAL AND HORMONAL INFLUENCE ON THE FECUNDITY AND EGGLAYING OF CERTAIN OXYURID NEMATODES INHABITING THE HIND GUT OF THE COCKROACH, PERIPLANETA AMERICANA L..
A M Nadakal K K Nayar
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Fertility, Hormones, Insect eggs, Insect physiology, Nematodes, Nervous system, Periplaneta americana. English abstract

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Insect anatomy, Insect biology, Oviposition, Reproductive organs, Rhipicephalus sanguineus.

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Cecidomyiidae, Diptera, Insect biology, Plant galls, Zoogeography. English abstract

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ELECTROLUMINESCENCE PLATES AS MOSQUITO ATTRACTANTS.
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06 Dec 1967 421 D48
Attractants, Culex pipiens, Culicidae, Insect behavior, Light traps. English abstract

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Centrifugation, Chironomidae, Eggs, Electron microscopy, Insect morphology. English abstract

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A M Pagliai
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1967 420 F84
Aphididae, Cytogenetics, Insect eggs, Insect genetics, Myzus persicae, Parthenogenesis. French and italian abstract

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Ecology, Enallagma boreale, Extremities, Ischnura cervula, Ischnura perparva, Laboratories, Odonata, Regeneration, Research.

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Insect nutrition, Insect rearing, Lycosidae, Spiders.

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Insect eggs, Insect morphology, Lepidoptera, Limacodidae, Microlepidoptera.

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Geometridae, Insect eggs, Insect morphology, Lepidoptera.

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Chemical control (insects), Cicadidae, Insecticides, Locusta migratoria, Temperature. English abstract

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Biochemistry, Esters, Fenthion, Insect physiology, Insecticides, Musca domestica, Nervous system, Parathion. French and english abstract

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Arthropoda, Biology, Diurnal rhythm, Light, Physiology. German and english abstract

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G Richard
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Insect morphology, Insect physiology, Larvae, Nervous system, Termites. French and english abstract

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Habitats, Insect biology, Insect morphology, Metamorphosis, Orthoptera. English abstract

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Habitats, Insect ecology, Insect rearing, Insect taxonomy, Larvae, Scarabaeidae. English abstract

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A TERATOLOGICAL SPECIMEN OF PYCNOSCELUS SURINAMENSIS.
L M Roth
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OOGENESIS IN THE PARTHENOGENETIC STICK INSECT SIPYLOIDEA SIPYLUS WESTWOOD (ORTHOPTERA, PHASMIDAE).
L P Pijnacker
Genetica 38(4):504-515 REF
1968 442.8 G282

Histology, Insect genetics, Oogenesis, Parthenogenesis, Phasmatidae.

19786-68
A STUDY OF ISOENZYME POLYMORPHISM IN EXPERIMENTAL POPULATIONS OF DROSOPHILA MELANOGASTER.
M Rasmuson B Rasmuson L R Nilson
Hereditas 57(1-2):263-274
29 Sep 1967 442.8 H42
Demography, Drosophila melanogaster, Drosophilidae, Esterases, Insect genetics, Leucine aminopeptidase, Polymorphism.

19787-68
MATING PROPENSITY, CHROMOSOMAL POLYMORPHISM, AND DEPENDENT CONDITIONS IN DROSOPHILA PERSIMILIS.
E B Spiess L D Spiess
Evolution 21(4):672-678
28 Dec 1967 443.8 EV62
Chromosomes, Drosophila, Insect genetics, Polymorphism, Reproduction, Sex behavior.

19788-68
NONAUTONOMY IN DIFFERENTIATION OF PATTERN-DETERMINING GENES IN DROSOPHILA. II. TRANSPLANTATION OF EYELESS-DOMINANT LEG DISKS.
C Tokunaga
Develop Biol 18(4):401-413
Oct 1968 442.8 D49
Autogeny, Chromosomes, Drosophila melanogaster, Insect genetics, Insect physiology, Nervous system, Transplanting. English abstract

19789-68
ORIENTATION AND SEGREGATION OF ASYNAPTIC MULTIPLE SEX CHROMOSOMES IN THE MALE OMOPHOITA CLERICA ERICHSON (COLEOPTERA: ALTICIDAE).
N Virkki
Hereditas 57(1-2):275-288 REF
1967 442.8 H42
Chromosomes, Chrysomelidae, Coleoptera, Cytogenetics, Insect genetics, Sex.

19790-68
ORIGIN AND EVOLUTION OF PARTHENOGENETIC REPRODUCTION IN THE GRASSHOPPER MORABA VIRGO (EUMASTACIDAE: MORABINAE).
M J D White G C Webb
Australian J Zool 16(4):647-671 MAP REF
Sep 1968 410 AU73
Autoradiography, Chromosomes, Grasshoppers, Insect evolution, Insect genetics, Parthenogenesis, Reproduction. English abstract

19791-68
KARYOTYPES OF SOME MEMBERS OF THE GRASSHOPPER FAMILIES LENTULIDAE AND CHARILAIDAE.
M J D White
Cytologia 32(2):184-189 MAP
Sep 1967 44.8 C99
Catalogs, Chromosomes, Grasshoppers, Insect genetics.

19792-68
NEO-XY SEX CHROMOSOME MECHANISMS IN TWO SPECIES OF TETTIGONIOIDAE (ORTHOPTERA).
M J D White A Mesa R Mesa
Cytologia 32(2):190-199 REF
Sep 1967 44.8 C99
Chromosomes, Cytogenetics, Genetics, Insect genetics, Sex determination, Tettigoniidae.

19793-68
GENETIC STUDY OF CHROMATIC VARIATION AND ANATOMICAL STUDY OF CHELYMORPHA VARIABILIS BOH. (0 CHELYMORPHA CRUCIFERA BOH.), 1854 (COLEOPTERA, CHRYSOMELIDAE, CASSIDINAE). (SP)
L C de Zolessi
Soc Uruguaya Entomol Rev 7(00):20-44 REF
15 Jul 1968 423.92 SO1
Chrysomelidae, Insect genetics, Insect taxonomy, Zoogeography. English and spanish abstract

MEDICAL ENTOMOLOGY

19794-68
INDEX CATALOGUE TO RUSSIAN, CENTRAL AND EASTERN EUROPEAN, AND CHINESE LITERATURE IN MEDICAL ENTOMOLOGY. CONTROL MEASURES FOR ARTHROPODS OF MEDICAL IMPORTANCE. 241.74 M36.
G Anastos
(SUPPL 5):1-91 REF
1968
Arthropoda, Medical entomology, Pest control.

19795-68
METHODS FOR THE STUDY OF TRACHEAL SYSTEM AND COPULATORY APPARATUS IN MENACANTHUS STRAMINEUS.
N S Brown
Entomol Soc Amer Ann 61(3):788-789
Jun 1968 420 EN82
Arthropoda, Insect physiology, Insects, Menacanthus stramineus, Research, Tracheal gills.

19796-68
PEST MANAGEMENT CONCEPTS AND CONTROL OF TICK PARALYSIS IN BRITISH COLUMBIA.
P R Wilkinson
65(0):3-9 REF
01 Aug 1968
Dermacentor andersoni, Insect control, Insect ecology, Livestock, Tick paralysis. English abstract

19797-68
TASTE RESPONSE OF A BIRD TO CONSTITUENTS OF ARTHROPOD DEFENSIVE SECRETIONS.
R S H Yang M R Kare
Entomol Soc Amer Ann 61(3):781-782
May 1968 420 EN82
Arthropoda, Benzoquinones, Bird repellents, Birds, Predatory birds, Salicylaldehyde, Secretion, Taste testing.

CROP PRODUCTION

19798-68
COMPETITION WITH HEPTACHLOR DUST AND OTHER CHLORINATED DUST FORMULATIONS FOR CONTROL OF ANT COLONIES OF ATTA SEXDENS RUBROPILOSA FOREL, 1908 AND A. LAEVIGATA (F. SMITH, 1858). (POR
E Amante
Biologico 33(4):80-84 REF
Apr 1967 442.8 B529
Aldrin, Atta, Chemical control (insects), Chlordane, Formicidae, Heptachlor, Insect pests. English abstract

19799-68
THE EFFECT OF (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE (CCC) ON CERTAIN AGRONOMIC TRAITS OF BARLEY.
E N Larter
Can J Plant Sci 47(4):413-421 REF
Jul 1967 450 C16
Agronomy, Barley, Chloroethyl)trimethylammonium chloride, (2-, Lodging (barley), Plant growth inhibitors, Plant physiology.

Abstract: Cycocel, a growth retardant, was more than sufficient to prevent lodging. Treatments that were effective in reducing plant height also tended to retard maturity.

19800-68
ECOLOGY: A MODERN VIEWPOINT.
F H Whitehead
Pans (pest Articles News Sum) Sect A Insect Contr 13(3):193-201
Aug 1967 423.92 G798
Biology, Demography, Ecology, Environment, Physiology, Plants, Research.

DISEASES

19801-68
SOURCES OF RESISTANCE IN COTTON TO DIFFERENT PHASES OF BACTERIAL BLIGHT DISEASE PREVALENT AT HAMBANTOTA.
D V W Abeygunawardena P Shivanathan
Trop Agr &peradeniya& 73(1-2):7-15 REF
Jan 1967 26 T751
Angular leafspot (cotton), Bacterial diseases (plants), Cotton, Crop varieties, Plant genetics, Plant pest resistance, Xanthomonas malvacearum. English abstract

19802-68
THE PROBLEM OF ISOLATION OF THE X VIRUS INHIBITOR FROM POTATO LEAF SAP.
L Albrechtova
Biol Plant 10(4):296-304
450 B52
Electrophoresis, Plant biochemistry, Plant growth inhibitors, Potatoes, Virus x (potatoes). English, russian and czech abstracts

19803-68
TEST OF FOUR FUNGICIDES FOR THE CONTROL OF CERCOSPORA LEAF SPOT OR FROG-EYE DISEASE OF TOBACCO.
A C Bagoyo T T Reyes V M Ela
Philippine Agr 50:(8):823-830 REF
Jan 1967 25 P542
Cercospora, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Tobacco.

19804-68
ADVANCES IN PLANT VIRUS RESEARCH.
J B Bancroft
Agr Sci Rev 06(2):9-15
1968 431.3 AG893
Agricultural research, Insect vectors, Morphology, Physiology, Virology, Virus diseases (plants). English abstract

19805-68
THE INACTIVATION OF VEINBANDING AND LATENT C VIRUSES IN STRAWBERRIES BY HEAT TREATMENT.
A T Bolton
Can J Plant Sci 47(4):375-380 REF
Jul 1967 450 C16
Latent virus (strawberries), Potassium permanganate, Strawberries, Temperature, Vein banding (strawberries), Virus e (strawberries), Virus diseases (plants).

Abstract: It was concluded that latent C was inactivated at 46.50C and veinbanding at 48 C.

19806-68
SENSORIAL ANALYSIS ON TUBERS OF NATIVE POTATOES TREATED WITH INSECTICIDES. (POR)
J O Boock R S Garruti A Orlando J P N Jorge
Biologico 34(2):36-38
Feb 1968 442.8 B529
Carbaryl, Diazinon, DDT, Endosulfan, Fungicides, Insecticide residues, Parathion, Plant physiology, Potatoes, Taste testing.

An unpleasant flavor was detected in potatoes treated with insecticides:endosulfan, diazinon, parathion, DDT and carbaryl.

19807-68
PSEUDOMONAS RUBRISUBALBICANS.
J F Bradbury
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):128
1967 462.7 C73
Air-borne plant diseases, Bacterial diseases (plants), Plant disease transmission, Plant geography, Pseudomonas, Sugarcane.

Description of a bacterial pathogen of sugarcane, its geographical distribution and etiology.

19808-68
PSEUDOMONAS TABACI.
J F Bradbury
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):129
1967 462.7 C73
Bacterial diseases (plants), Plant disease transmission, Plant geography, Pseudomonas tabaci, Seed treatment, Tobacco, Wildfire (tobacco).

Description of a bacterial pathogen of tobacco, its geographical distribution and etiology.

19809-68
ERWINIA STEWARTII.
J F Bradbury
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):123
1967 462.7 C73
Bacterial diseases (plants), Corn, Enterobacteriaceae, Erwinia, Insect vectors, Plant geography.

Description of a bacterial pathogen of maize, its geographical distribution and etiology. biological control measures include resistant varieties, seed treatment and vector control.

19810-68
PSEUDOMONAS RUBRILINEANS.
J F Bradbury
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(121-130):127
1967 462.7 C73
Air-borne plant diseases, Bacterial diseases (plants), Plant disease transmission, Plant geography, Pseudomonas, Sugarcane.

Description of a bacterial pathogen of sugarcane, its geographical distribution and etiology.

19811-68
REDUCTION OF BANANA ANTHRACNOSE FOLLOWING HOT-WATER TREATMENT OF THE GREEN FRUIT.
O J Burden
Queensland J Agr Anim Sci 25(3):135-144 REF
Sep 1968 23 Q37
Anthracnose (bananas), Bananas, Fungus diseases (plants), Hot water treatment (plants), Plant disease control.

19812-68
FUNGICIDES FOR THE CONTROL OF DISEASES ON THE AERIAL PORTION OF THE PLANT. (POR)
C A Campacci L O C Rezende U Suzuki
Biologico 34(8):182-185
Aug 1968 442.8 B529
Alternaria solani, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Phytophthora infestans, Potatoes.

19813-68
INVESTIGATIONS ON THE WILT DISEASE OF GUAVA (PSIDIUM GUAJAVA L.) IN WEST BENGAL. II.
S B Chattopadhyay S K Bhattacharjya
Indian J Agr Sci 38(1):176-183
Feb 1968 22 AG831
Fungus diseases (plants), Fusarium solani, Guavas, Hydrogen-ion concentration, Plant nutrition, Soil moisture. English abstract

19814-68
A NOTE ON TRANSLOCATION-TRISOMIC PLANT FROM GAMMA-IRRADIATED BARLEY.
K Das B C Goswami
Cytologia 32(1):55-58
25 Mar 1967 44.8 C99
Barley, Chromosomes, Cytogenetics, Gamma rays, Irradiation, Plant abnormalities.

19815-68
CONTRIBUTION TO THE STUDY OF RING SPOT TYPE VIRUS OF STONE FRUIT TREES. (FR)
J Dunez
Soc Franc Physiol Veg Bull 12(4):377-382
Dec 1966 451 SO193
Antigens, Ring spot (fruit), Ring spot (plums), Ring spot (trees), Serological tests, Virus diseases (plants). French abstract

19816-68
FREE AMINO ACIDS FROM THE LEAVES OF HEALTHY BRASSICA CHINENSIS OR INFECTED WITH THE YELLOW MOSAIC VIRUS OF TURNIPS. (FR)
H Duranton L Hirth J Meyer
Soc Franc Physiol Veg Bull 12(4):325-333 REF
Dec 1966 451 SO193
Amino acids, Chinese cabbage, Plant biochemistry, Plant physiology, Turnips, Virus diseases (plants), Yellow mosaic (turnips). French and english abstract

19817-68
SOME NEW HOSTS FOR VERTICILLIUM NIGRESCENS.
G Evans
Plant Dis Rep 52(11):904
Nov 1968 1.9 P69P
Cotton, Dicotyledons, Fungus diseases (plants), Greenhouse culture, Microorganisms, Roots, Seedlings, Soil sterilization, Vascular system (plants), Verticillium nigrescens.

19818-68
PARATHION, A SELECTIVE RUST FUNGICIDE, COMPARED WITH MANEB IN THE CONTROL OF CEREAL RUSTS.
G Fleischmann J W Martens R I H McKenzie
Can J Plant Sci 48(3)261-265
May 1968 450 C16
Chemical control (plant diseases), Crown rust (oats), Fungicides, Maneb, Oats, Parathion. English abstract

19819-68
METHODS OF THE TRANSMISSION OF PLANT PATHOGENIC VIRUSES WITH NEMATODES. (GE)
R Fritzsche
Biol Zentralbl 86(6):753-759
Nov 1967 442.8 B523
Nematodes, Plant disease transmission, Virus diseases (plants). German and english abstract

19820-68
EFFECT OF 35 DEGREE C TEMPERATURE ON VITIS RUPESTRIS ATTACKED BY FANLEAF. (FR)
R Galzy
Soc Franc Physiol Veg Bull 12(4):391-399
Dec 1966 451 SO193
Fanleaf (grapes), Grapes, Plant disease control, Temperature, Virus diseases (plants). French and english abstract

19821-68
THE ESTABLISHMENT OF HOP TISSUE CULTURES AND THEIR INFECTION BY DOWNY MILDEW PSEUDOPERONOSPORA HUMULI (MIY. AND TAK.) WILSON UNDER ASEPTIC CONDITIONS.
M J Griffin J R Coley-Smith
J Gen Microbiol 53(2):231-236 REF
Sep 1968 448.3 J823
Downy mildew, Fungus diseases (plants), Hops, Morphology, Pseudoperonospora humuli, Tissue culture.

19822-68
THE AFFECT OF INSECTICIDES ON MICROORGANISMS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
G Grummer
462-468
Chlorinated hydrocarbons, Insecticides, Microorganisms, Plants, Soils.

19823-68
DETERMINING MINOR ELEMENTS.
W J Hanna
Agr Chem 22(8):23-25
Aug 1967 381 AG8
Animals, Microanalysis, Micronutrients, Plant nutritional deficiencies, Plants, Soils.

19824-68
INVASION OF PLANT TISSUE BY BACTERIA UNDER IN VITRO CONDITIONS.
E W Henry J G Valdovinos T E Jensen
Plant Physiol 43(10):1730-1733 REF
Oct 1968 450 P692
Bacteria, Electron microscopy, Epiphytes, Peas.

19825-68
VIRUSES AND VIRUS DISEASES OF THE GRAPEVINE.
W B Hewitt
Rev Appl Mycol 47(9):433-455 REF
Sep 1968 405 R328
Air-borne plant diseases, Catalogs, Grape vineyards, Nomenclature, Plant disease transmission, Plant geography, Soil-borne plant diseases, Virus diseases (plants). English abstract

19826-68
STUDY OF THE RNA PROTEIN INTERACTIONS IN THE YELLOW MOSAIC VIRUS OF THE TURNIP. COMPARATIVE ACTION OF UREA ON THE VIRUS AND ON THE CAPSIDS. (FR)
L Hirth C Fritsch G Jonard B Dorne
Soc Franc Physiol Veg Bull 12(4):259-272 REF
Dec 1966 451 SO193
Plant biochemistry, Plant physiology, Proteins, Turnips, Urea, Virus diseases (plants), Yellow mosaic (turnips). French and english abstract

19827-68
RESTORATION OF VIRULENCE OF STORED CULTURES OF PHYTOPHTHORA INFESTANS.
W A Hodgson K P Sharma
Can J Plant Sci 47(4):447-449
Jul 1967 450 C16
Culture media, Fungus diseases (plants), Late blight (potatoes), Phytophthora infestans, Plant disease resistance.

19828-68
ACTIVE RESISTANCE TO APPLE SCAB.
L D Hunter D S Kirkham R C Hignett
J Gen Microbiol 53(1):61-67 REF
Aug 1968 448.3 J823
Apples, Fungus diseases (plants), Plant disease resistance, Plant growth inhibitors, Scab (apples), Venturia. English abstract

19829-68
ERYSIPHE TRIFOLII.
J N Kapoor
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):156
1968 462.7 C73
Clover, Erysiphe, Fungus diseases (plants), Plant disease resistance, Plant geography.

Description of a fungal pathogen of clover, its geographical distribution and etiology.

19830-68
ERYSIPHE GRAMINIS.
J N Kapoor
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):153 REF
1968 462.7 C73
Barley, Erysiphe, Fungus diseases (plants), Grain, Grasses, Plant geography, Powdery mildew (plants), Wheat.

Description of a fungal pathogen of cereals and grasses, its geographical distribution and etiology.

19831-68
ERYSIPHE BETAE.
J N Kapoor
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):151
1968 462.7 C73
Chemical control (plant diseases), Copper oxychloride, D, 2,4-, Erysiphe, Fungus diseases (plants), Plant geography, Powdery mildew

(beets), Seed-borne plant diseases, Sugar beets.

Description of a fungal pathogen of sugar beets, its geographical distribution and etiology.

19832-68
PODOSPHAERA LEUCOTRICHA.
J N Kapoor
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):158
1968 462.7 C73
Air-borne plant diseases, Apples, Dinocap, Fungicides, Fungus diseases (plants), Plant geography, Podosphaera, Powdery mildew (apples), Sulfur compounds.

Description of a fungal pathogen of apples, its geographical distribution and etiology.

19833-68
ERYSIPHE CICHORACEARUM.
J N Kapoor
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 16(151-160):152
1968 462.7 C73
Compositae, Erysiphe, Fungus diseases (plants), Lettuce, Plant geography, Powdery mildew (lettuce), Safflower.

Description of a fungal pathogen of lettuce, safflower and Compositae, its geographical distribution and etiology.

19834-68
EFFECT OF IONIZING RADIATIONS ON RESTING CONIDIA OF ASPERGILLUS FLAVUS.
M Kopelman P Markakis B S Schweigert
J Food Sci 32(6):694-696
Nov 1967 389.8 F7322
Aspergillus, Aspergillus flavus, Conidia, Fungus diseases (plants), Gamma rays.

19835-68
EFFICACY OF TRANSMISSION OF FIRE BLIGHT RESISTANCE IN PYRUS.
R E C Layne C H Bailey L F Hough
Can J Plant Sci 48(3):231-243 REF
May 1968 450 C16
Bacterial diseases (plants), Fire blight (pears), Immunity, Pears, Plant disease resistance. English abstract

19836-68
PECULIARITIES OF AN ISOLATED CLONE ORIGINATING FROM A THERMOPHILIC ROOT OF THE TOBACCO MOSAIC VIRUS. (FR)
G Lebeurier M Wurtz
Acad Sci Compt Rend Ser D Sci Nat 267(8):871-874
19 Aug 1968 505 P21
Electron microscopy, Mosaic (tobacco), Plant physiology, Temperature, Virology. French abstract

19837-68
CONTRIBUTION TO THE STUDY OF THE HYPERSENSITIVITY PHENOMENON TO THE TOBACCO MOSAIC VIRUS. (FR)
C Martin
Soc Franc Physiol Veg Bull 12(4):345-354
Dec 1966 451 SO193
Hypersensitivity, Mosaic (tobacco), Plant metabolism, Plant physiology, Temperature, Tobacco, Virus diseases (plants). French and english abstract

19838-68
CERATOCYSTIS FIMBRIATA.
G Morgan-Jones
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(141-150):141
1967 462.7 C73
Air-borne plant diseases, Blight, Canker, Ceratocystis, Fungus diseases (plants), Insect vectors, Rot, Wilt.

Description of a plant pathogenic fungus, its geographical distribution and etiology.

19839-68
CERATOCYSTIS PARADOXA.
G Morgan-Jones
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 00(141-150):143
1967 462.7 C73
Air-borne plant diseases, Ceratocystis, Chemical control (plant diseases), Fruit, Fungus diseases (plants), Plant geography, Soil-borne plant diseases.

Description of the fungal pathogen of tropical fruits, its geographical distribution and etiology.

19840-68
PODOSPHAERA TRIDACTYLA.
K G Mukerji
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 19(181-190):187
1968 462.7 C73
Air-borne plant diseases, Fungus diseases (plants), Plant disease control, Plant geography, Plums, Podosphaera, Powdery mildew (plants), Prunus.

Description of the fungal pathogen of prunus, its geographical distribution and etiology.

19841-68
CHEMOTHERAPEUTIC TREATMENTS AGAINST LEAF-CURL OF TOMATO.
A K Mukherjee S P Raychaudhuri
Montana Acad Sci Proc 27(00):35
1967 500 M762
Chemical control (plant diseases), Drug therapy, Leaf curl (tobacco), Tomatoes, Virus diseases (plants). English abstract

19842-68
EFFECT OF DIFFERENT DATES OF SOWING OF GROUNDNUT ON THE DEVELOPMENT AND INTENSITY OF LEAF-SPOT DISEASE BY CERCOSPORA SPP.
V R Nath L G Kulkarni
Indian J Agr Sci 37(5):362-368 REF
Oct 1967 22 AG831
Cercospora arachidicola, Fungus diseases (plants), Leaf spot (peanuts), Peanuts, Planting date.

19843-68
SAP TRANSMISSION OF SANDAL SPIKE.
R M Nayar
Indian J Exp Biol 5(3):195-196
Jul 1967 442.8 IN2
Hyacinth dolichos, Plant diseases, Plant translocation, Santalum, Sap, Spike (santalum). English abstract

19844-68
DISEASE DEVELOPMENT IN CULTURED CELLS OF NICOTIANA TABACUM L. VAR. SAMSUN NN INJECTED WITH TOBACCO MOSAIC VIRUS.
R C Nims R S Halliwell D W Rosberg
Cytologia 32(2):224-235 REF
Sep 1967 44.8 C99
Cytopathology, Mosaic (tobacco), Plant diseases, Tissue culture, Tobacco, Virus diseases (plants). English abstract

19845-68
INVESTIGATION ON THE HARMFULNESS OF THE RING PATTERN MOSAIC OF PEAR.
K Paulechova-Kralikova
Biologia (bratislava) 22(6):414-421 REF
1967 442.8 B5265
Pears, Phytopathology, Virus diseases (plants). English, russian and czechoslovakian abstracts

19846-68
COMPLEMENTARY TEMPERATURE-LABILE GENES FOR GROWTH INHIBITION AND DWARFING IN FLAX.
A G Plessers
Can J Plant Sci 47(4):427-430
Jul 1967 450 C16
Dwarf disease (flax), Flax, Plant genetics, Plant growth inhibitors, Temperature.

Abstract: Growth inhibition and dwarfing occurred when F(1) seedlings of strains F.H. 50 and F.H. 117 of Ottawa Flax Collection were grown at temperatures below 17 C. Prolonged exposurers to these temperatures produced partial or complete lethality. Two complementary genes were postulated to explain the inheritance of this reaction.

19847-68
PUCCINIA HORIANA.
E Punithalingam
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):176
1968 462.7 C73
Chemical control (plant diseases), Chrysanthemum, Plant geography, Puccinia, Uredinales.

Description of a fungal pathogen of chrysanthemum, its geographical distribution and etiology.

19848-68
PUCCINIA CHRYSANTHEMI.
E Punithalingam
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):175
1968 462.7 C73
Chemical control (plant diseases), Chrysanthemum, Fungus diseases (plants), Plant geography, Puccinia, Uredinales.

Description of a fungal pathogen of chrysanthemum, its geographical distribution and etiology.

19849-68
UROMYCES DIANTHI.
E Punithalingam
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):180
1968 462.7 C73
Chemical control (plant diseases), Dianthus caryophyllus, Fungus diseases (plants), Plant geography, Uredinales, Uromyces.

Description of a fungal pathogen of carnation, its geographical distribution and etiology.

19850-68
UROMYCES DECORATUS.
E Punithalingam
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):179
1968 462.7 C73
Fungus diseases (plants), Hemp, Plant geography, Uredinales, Uromyces.

Description of a fungal pathogen of hemp, its geographical distribution and etiology.

19851-68
UROMYCES CICERIS-ARIETINI.
E Punithalingam
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 18(171-180):178
1968 462.7 C73
Air-borne plant diseases, Chickpeas, Fungus diseases (plants), Plant geography, Plant pest resistance, Uredinales, Uromyces.

Description of a fungal pathogen of chickpeas, its geographical distribution and etiology.

19852-68
METEOROLOGICAL FACTORS ASSOCIATED WITH THE ERGOT EPIDEMIC OF BAJRA (PENNISETUM) IN INDIA DURING THE KHARIF SEASON, 1967--A PRELIMINARY STUDY.
C Ramaswamy
Cur Sci 37(12):331-335
20 Jun 1968 475 SC123
Claviceps purpurea, Fungus diseases (plants), Plant disease transmission, Plant diseases, Weather.

19853-68
REASON FOR THE LOW CONTENT OF TOBACCO MOSAIC VIRUS IN TOBACCO TISSUE CULTURES. (FR)
A Sampath A Lutz L Hirth

Soc Franc Physiol Veg Bull 12(4):273-283
Dec 1966 451 SO193
Mosaic (tobaeco), Plant physiology, Tissue culture, Tobacco, Virus diseases (plants). French and english abstract

19854-68
A NEW TECHNIQUE ALLOWING THE STUDY AND COMPARISON OF THE REACTIONS OF NICOTIANAE IN THE PRESENCE OF THIELAVIOPSIS BASICOLA (B. AND B.) FERRARIS. (FR)
P Schiltz R Geneve
Acad Sci Compt Rend Ser D Sci Nat 267(4):424-426
22 Jul 1968 505 P21
Fungus diseases (plants), Plant disease resistance, Plant diseases, Plant genetics, Plant physiology, Thielaviopsis, Tobacco. French abstract

19855-68
A COMPARATIVE STUDY OF SOME PLANT PATHOGENIC PSEUDOMONADS.
D A Shackleton
New Zealand J Sci 11(2):236-248 REF
Jun 1968 514 N482
Bacterial diseases (plants), Fruit trees, Plant diseases, Pseudomonas, Surveys, Vegetables. English abstract

19856-68
STUDIES ON COLLAR AND BRANCH CANKER OF YOUNG TEA (PHOMOPSIS THEAE PETCH). II--0INFLUENCE OF SOIL MOISTURE ON THE DISEASE.
N Shanmuganathan W R F Rodrigo
Ceylon Tea Res Inst Tea Quart 38(4):320-330 REF
Dec 1967 68.18 C33
Fungus diseases (plants), Phomopsis, Plant ecology, Soil moisture, Tea. English abstract

19857-68
THIELAVIOPSIS BASICOLA.
C V Subramanian
Commonwealth Mycol Inst Cmi Desc Path Fungi Bact 17(161-170):170
1968 462.7 C73
Fungus diseases (plants), Leguminosae, Plant disease resistance, Plant geography, Rot, Soil-borne plant diseases, Tobacco.

Desoription of a fungal pathogen of tobaeco and Leguminosae, its geographical distribution and etiology.

19858-68
PHOSPHORUS DISTURBANCES ASSOCIATED WITH POTATO LEAFROLL VIRUS INFECTION.
M Ulrychova J Limberk
Biol Plant 10(4):311-317
1968 450 B52
Leaf roll (potatoes), Phosphorus, Plant metabolism, Potatoes, Virus diseases (plants). English, russian and czech abstracts

19859-68
A NOTE ON SCREENING RICE VARIETIES FOR RESISTANCE TO BLAST DISEASE CAUSED BY PYRICULARIA ORYZAE CAV.
J Veeraraghavan
Indian J Agr Sci 37(5):410-412
Oct 1967 22 AG831
Blast (rice), Plant disease resistance, Rice. English abstract

19860-68
UTILIZATION OF SEROLOGY IN THE STUDY OF CERTAIN VIRUS DISEASES IN FRUIT TREES. (FR)
A Vuittenez
Soc Franc Physiol Veg Bull 12(4):355-375 REF
Dec 1966 451 SO193
Plant physiology, Ring spot (fruit), Ring spot (grapes), Ring spot (plums), Serological tests, Virus diseases (plants). French abstract

19861-68
EPIDEMIOLOGY AND CONTROL OF ASCOCHYTA PINODES ON FIELD PEAS IN CANADA.
V R Wallen T F Cuddy P N Grainger
Can J Plant Sci 47(4):395-403
Jul 1967 450 C16
Ascochyta pinodes, Blight (peas), Epidemiology, Fungus diseases (plants), Microorganisms, Mycosphaerella pinodes, Peas, Temperature.

Abstract

19862-68
CHROMOSOMAL ABERRATIONS INDUCED BY PESTICIDES IN MEIOTIC CELLS OF BARLEY.
K D Wvu W F Grant
Cytologia 32(1):31-41
25 Mar 1967 44.8 C99
Barley, Chromosomes, Meiosis, Pesticides, Plant abnormalities, Plant genetics. English abstract

ARTHROPODS

19863-68
YIELD LOSSES DUE TO PESTS AND DISEASES IN RICE CROP. RESULTS OF ICAR SAMPLE SURVEY.
T P Abraham R C Khanna R K Khosla
Indian Farming 18(3):24-26
Jun 1968 22 IN283
Crop losses, Gall-making insects, Helminthosporium oryzae, Insect pests, Piricularia oryzae, Riec, Surveys.

19864-68
WHITE-FRINGED WEEVIL.
Anonymous
New Zeal J Agr 11((1):95
Jul 1968 23 N48J
Aldrin, Curculionidae, Insecticide residues, Insecticide resistant insects, Larvae.

This is a discussion of the difficulties of controlling a New Zealand crop and pasture pest, the white-fringed weevil, with insecticides

19865-68
NOTE ON DAMAGE TO GRASSES IN THE PEACE RIVER REGION BY THE SPITTLEBUG, PHILARONIA BILINEATA SAY, (CERCOPIDAE: HEMIPTERA).
D A Arnott I Bergis
Entomol Soc British Columbia J 64:8-9
01 Aug 1967 420 B77 (2)
Cercopidae, Chemical control (insects), DDT, Grasses, Hemiptera, Insect vectors, Toxicology. English abstract

19866-68
THRIPS INFESTING THE TIPS OF ASPARAGUS SPEARS.
F L Banham
65(0):16-18
01 Aug 1968
Asparagus, Food contamination, Food plants, Thrips tabaci, Thysanoptera, Weed control. English abstract

19867-68
LARGE SCALE FIELD TESTS OF LOW VOLUME SPRAYS (LV) IN CALIFORNIA MOSQUITO CONTROL DURING 1967.
W E Burgoyne
Utah Mosquito Abatement Ass Proc 1967 MEETING:19
Oct 1967 420 UT1
Aedes, Aerial spraying, Agricultural outlook, Chemical control (insects), Culex, Culicidae, Rice. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19868-68
AGRICULTURAL ENTOMOLOGY IN THE LEBANON.
C A Collingwood
Pans (pest Articles News Sum) Sect A Insect Contr 13(3):262-269
Aug 1967 423.92 G798
Agricultural research, Crops, Economic entomology, Insect migration, Insect pests, Pest control, Pesticides.

19869-68
MELOIDOGYNE COFFEICOLA DESTRUCTIVE AND INSIDIOUS NEMATODE OF THE COFFEE TREE. (POR)
S M Curi
Biologico 34(6):144
Jun 1968 442.8 B529
Coffee, Meloidogyne, Plant nematodes, Roots. English abstract

19870-68
PECTIC ENZYME PRODUCTION AND MORPHOGENESIS IN HELMINTHOSPORIUM ATYPICUM.
K S Deshpande K B Deshpande
Biol Plant 10(4):245-250
1968 450 B52
Fungus diseases (plants), Helminthosporium, Plant biochemistry, Plant morphology, Plant physiology, Protopectinases. English, russian and czech abstracts

19871-68
NOTE ON A SPRUCE BARK WEEVIL, PISSODES ALASCENSIS HOPKINS (COLEOPTERA: CURCULIONIDAE), IN BRITISH COLUMBIA.
D F Doidge
Entomol Soc British Columbia J 64:63-66 MAP
01 Aug 1967 420 B77 (2)
Climate, Coleoptera, Insect biology, Picea, Pissodes alascensis, Zoogeography. English abstract

The life cycle of Dissodes alascensis at different elevations ranges from one to two years.

19872-68
PETROLEUM OILS IN ORCHARD MITE CONTROL.
R S Downing
Entomol Soc British Columbia J 64:10-13 REF
01 Aug 1967 420 B77 (2)
Chemical control (insects), Panonychus ulmi, Pesticide residues, Petroleum, Spraying, Tetranychus, Trees.

19873-68
CONTROL OF GRASSGRUB AND PORINA.
P G Fenemore
New Zeal J Agr Res 114(5):59-61
May 1967 23 N4892
Chemical control (insects), Chlorinated hydrocarbons, Costelytra zealandica, DDT, Lepidoptera, Lindane, New Zealand, Organophosphorus compounds, Pastures.

Chemical control recommendations and precautions for controling grassgrubs and porina catepillars is discussed.

19874-68
THE TOXICOLOGY OF PESTICIDES.
A C Frazer
Pans (pest Articles News Sum) Sect A Insect Contr 13(3):247-253
Aug 1967 423.92 G798
Chemical control (pests), Pest control, Pesticides, Research, Toxicology.

19875-68
LOW VOLUME TRIALS IN KINGS MOSQUITO ABATEMENT DISTRICT.
R F Frolli E O Lewis G Martinez
Utah Mosquito Abatement Ass Proc 1967 MEETING:20
Oct 1967 420 UT1
Aedes nigromaculis, Aerial spraying, Chemical control (insects), Crop yields, Culex tarsalis, Larvicides, Research. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19876-68
EXPERIENCES WITH AERIAL DUSTING IN THE KERN M. A. D. 1967.
A F Gcib R H DeWitt
Utah Mosquito Abatement Ass Proc 1967 MEETING:14-15
Oct 1967 420 UT1
Aerial dusting, Chemical control (insects), Culex tarsalis, Larvicides, Rescarch, Watcr. Proceedings of 20th Annual Mccting of Utah Mosquito abatcment Ass.

19877-68
THE EUROPEAN PINE SHOOT MOTH, RHYACIONIA BUOLIANA (LEPIDOPTERAI OLETHREUTIDAE), ANOTHER INTRODUCED FOREST PEST.
J W E Harris R O Wood
Entamol Sac British Columbia J 64:14-17
01 Aug 1967 420 B77 (2)
Olcthrcutidae, Plant diseasc forecasting, Rhyacionia buoliana, Sced planting, Trees, Zoogeography. English abstract

19878-68
CONE INSECTS OF GRAND FIR, ABIES GRANDIS (DOUGLAS) LINDLEY, IN BRITISH COLUMBIA.
A F Hedlin
Entomal Sac British Calumbia J 64:40-44
01 Aug 1967 420 B77 (2)
Abics grandis, Concs, Forest insects, Insect biology, Insect pests, Seeds. English abstract

19879-68
EFFECT OF LEAFHOPPER INFESTATION ON THE METABOLISM OF CARBOHYDRATE AND NITROGEN IN CASTOR VARIETIES IN RELATION TO THEIR RESISTANCE TO EMPOASCA FLAVESCENS (F.) (HOMOPTERA, JASSIDAE).
S Jayaraj
Indian J Exp Bial 5(3):156-162 REF
Jul 1967 442.8 IN2
Carbohydrates, Castorbeans, Cicadcllidae, Empoasca, Homoptera, Nitrogen, Plant metabolism. English abstract

19880-68
STUDIES ON THE PLANT CHARACTERS OF CASTOR ASSOCIATED WITH RESISTANCE TO EMPOASCA FLAVESCENS (FABR.) (HOMOPTERA: JASSIDAE) WITH REFERENCE TO SELECTION AND BREEDING OF VARIETIES.
S Jayaraj
Indian J Agr Sci 38(1):1-16 REF
Feb 1968 22 AG83I
Castorbeans, Cicadcllidae, Empoasca flavescens, Insect pests, Insect vectors, Plant breeding, Plant pest resistance. English abstract

19881-68
POTATO PRODUCTION USING RESISTANT VARIETIES ON LAND INFESTED WITH POTATO CYST-EELWORM, HETERODERA ROSTOCHIENSIS WOLL.
F G W Jones D M Parrott
Outlaak Agr 5(5):215-222 MAP REF
1968 10 OU8
Demography, Heterodera rostochiensis, Plant nematodc rcsistancc, Potatoes, Zoogeography.

19882-68
BIOLOGICAL STUDIES ON PARACHEYLETIA BAKERI (ACARINA: CHEYLETIDAE).
R F Kanavel A G Selhime
Fla Entomol 50(2):107-113
Jun 1967 420 F662
Acarina, Aonidiella citrina, Biological control (insects), Insect biology, Predaceous insects, Tetranychidae.

19883-68
HISTOGENESIS OF CALLUS FROM STEM GALL OF SALVADORA PERSICA L. INDUCED BY THOMASINIANA SALVADORAE RAO IN TISSUE CULTURE.
U Kant H C Arya
Indian J Exp Biol 5(3):131-134
Jul 1967 442.8 IN2
Callus (plants), Cecidomyiidae, Plant galls, Plant histology, Plant physiology, Tissue culturc. English abstract

19884-68
INVESTIGATION OF THE PROTECTIVE EFFECT OF OILS ON VIRUS TRANSMISSION THROUGH PLANT APHIDS. (GE)
G Kulps
Z Pflanzenkrankh (pflanzenpathol) Pflanzenschutz 75(4):213-217 REF
1968 464.8 Z3
Insect vectors, Myzus persicae, Plant diseasc resistance, Plant diseasc transmission, Plant pest control, Sugar bccts, Virus diseases (plants). German and english abstracts

19885-68
THE USE OF DURSBAN IN LOW VOLUME SPRAYS IN CALIFORNIA MOSQUITO CONTROL DURING 1967.
H W Lembright
Utah Masquita Abatement Ass Proc 1967 MEETING:20
Oct 1967 420 UT1
Aedes, Chemical control (insects), Crop yields, Culex, Diethyl 03,5,6-trichloro-2-pyridyl phosphorothioate, 0,0-, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19886-68
CONSUMPTION BY SEVERAL COMMON ARTHROPOD PREDATORS OF EGGS AND LARVAE OF TWO HELIOTHIS SPECIES THAT ATTACK COTTON.
P D Lingren R L Ridgway S L Jones
Entamal Soc Amer Ann 61(3):613-618
May 1968 420 EN82
Arthropoda, Chrysopa carnea, Cotton, Eggs, Geocoris punctipes, Heliothis virescens, Heliothis zea, Laboratories, Larvae, Population statistics, Predaceous insects.

19887-68
THE PROBLEM OF RATIONALITY CONTROLLING THE LEAF CUTTER ANTS. (GE
H Lowenthal
Z Angew Zaal 54(1):75-84 REF
1967 449.8 Z36
Atta, Chemical control (insects), Formicidae, Insect behavior, Insect morphology. English abstract

19888-68
INTEGRATED CONTROL OF THE FRUITTREE LEAF ROLLER, ARCHIPS ARGYROSPILUS (WALKER), AND THE EYE-SPOTTED BUD MOTH, SPILONOTA OCELLANA (DENIS AND SCHIFFERMULLER).
H F Madsen R S Downing
65(0):19-21
01 Aug 1968
Apples, Azinphosmethyl, Integrated control (insects), Phytoseiidae, Spilonota ocellana, Spraying, Tortricidae. English abstract

19889-68
THE PERFORMANCE, PHYTOTOXICITY AND PERSISTENCE OF THREE PETROLEUM OILS FOR CONTROL OF THE PEAR PYSLLA.
H F Madsen K Williams
Entomal Soc British Columbia J 64:3-8
01 Aug 1967 420 B77 (2)
Chemical control (insects), Homoptcra, Pears, Petroleum, Phytopathology, Psylla pyricola, Toxicology. English abstract

19890-68
DISTRIBUTION AND HOSTS OF SOME HORNTAILS (SIRICIDAE) IN BRITISH COLUMBIA.
E V Morris
Entomol Soc British Columbia J 64:60-63 MAP
01 Aug 1967 420 B77 (2)
Forest insects, Hymenoptera, Siricidae, Zoogeography. English abstract

19891-68
PHENOLOGICAL OBSERVATIONS FOR THE BENEFIT OF GALL MIDGE INVESTIGATIONS. (DA)
W Nijveldt
Entomal Ber 27(11):208-209
01 Nov 1967 420 N38B
Cecidomyiidae, Diptera, Gall-making insects, Plant galls. English abstract

19892-68
OBSERVATIONS ON THE ACTIVITY OF SPIDERS AND THE EFFECT OF INSECTICIDES ON THEIR POPULATIONS IN THE CITRUS GROVES AROUND HAGI CITY, HONSHU, JAPAN. (JA)
K Nohara K Yasumatsu
Kyushu Univ Fac Agr Sci Bull 23(3):151-167 REF
Mar 1968 107.6 K995B
Catalogs, Chcmical control (insects), Citrus, Demography, Insecticidal acrosols, Spiders. English abstract

19893-68
ATTEMPT TO CONTROL THE ADUNCOUS MITE --TETRANYCHUS ADUNCUS FLECHTM. AND BAKER, 1967 (ACARINA:TETRANYCHIDAE) NEW PEST OF THE PEACH TREE. (POR)
A Orlando O Rigitano A S Sampaio M Ojima
Bialagico 34(6):129-134
Jun 1968 442.8 B529
Chemical control (insects), Chlorobenzilate, Dicofol, Peaches, Plant pest control, Tetradifon, Tetranychus. English abstract

19894-68
STUDY ON THE USE OF PHOSPHINE TO COMBAT THE WHITE LOUSE OF THE POTATO--PSEUDOCOCCUS MARITIMUS (EHRH). (POR)
A Orlando O J Boock D Puzzi
Bialogica 34(8):179-181
Aug 1968 442.8 B529
Chemical control (insects), Coccidae, Phosphine, Potatoes, Pseudococcus maritimus.

19895-68
POLLINATION OF LUCERNE STILL A PROBLEM.
T Palmer-Jones
New Zeal J Agr 114(3):82-83
Mar 1967 23 N48J
Alfalfa, Bees, Fertilization (plants), Insect pollinators, Seed viability.

Pollination of alfalfa for seed crop was difficult because of the low density of the bumble bee--its most efficient pollinator.

19896-68
STUDIES ON BUTOZANIA BULGARICA MINK.. (RUS)
P As Popov
Rastenievud Nauk 05(7):75-83
1968 64.8 R18
Barley, Hibernation, Insect biology, Scarabacidae, Wheat. Russian and english abstract

19897-68
STUDIES ON TIMING FOR CONTROL OF THE CITRUS RUST MITE, PHYLLOCOPTRUTA OLEIVORA (ASHM) IN THE STATE OF SAO PAULO. (POR)
D Puzzi T Veinert
Biologico 34(1):3-7
Jan 1968 442.8 B529
Citrus, Insect control, Mites, Phyllocoptruta oleivora, Plant diseases.

19898-68
INSECTICIDES AND PEST CONTROL.
J Quinn
New Zeal J Agr 117(3):74-75
Sep 1968 23 N48J
Costelytra zealandica, DDT, Insect control, Insecticide application, Insecticide residues, Insecticides,

Pastures.

A new insecticide and various residue and application problems were presented at a recent meeting for weed and pest control.

19899-68
SCIENCE PROBING DEEP AND WIDE TO COMBAT MENACE OF GRASSGRUB.
J Quinn
New Zeal J Agr 117(3):17-21
Sep 1968 23 N48J
Biological control (insects), Chemical control (insects), Costelytra zealandica, Insect ecology, Insecticides, Integrated control (insects), Pastures, Scarabaeidae.

A description is given of research efforts to control the grassgrub, New Zealand's major pasture pest.

19900-68
CONTARINIA KANERVOI BARNES (DIPT., ITONIDIDAE), BIONOMICS, DAMAGE AND CONTROL.
M Raatikainen O E Savas A Tinnila
Ann Agr Fenn 06(4):145-158 MAPS REF
1967 20 AN7
Chemical control (insects), Contarinia, Insect biology, Phlcum, Seed-borne plant diseases. English and finnish abstracts

19901-68
YET ANOTHER APHID TO RAVAGE OUR GRAIN CROPS.
S G Rajasingh
Indian Farming 18(3):20-21
Jun 1968 22 IN283
Aphididae, Benzene hexachloride, Chemical control (pests), Endrin, Grain, Hysteroneura setariae.

19902-68
EFFECT OF EARLY SOWING OF SUNNHEMP ON THE INCIDENCE OF ITS INSECT PESTS.
S Ram
Indian J Agr Sci 38(1):236-237
Feb 1968 22 AG83I
Crop yields, Cultural control (insects), Fibers, Insect pests, Lepidoptera, Sunn crotalaria.

19903-68
THE FIRST DISCOVERY OF FREE-LIVING LARVAE OF THE EAR TICK, OTOBIUS MEGNINI (DUGES), IN BRITISH COLUMBIA.
G B Rich J D Gregson
65(0):22-23
01 Aug 1968
Dermacentor, Dogs, Habitats, Insect ecology, Larvae, Otobius megnini, Wildlife. English abstract

19904-68
PROTECTING LARCH LOGS FROM TETROPIUM VELUTINUM LECONTE WITH LINDANE EMULSION.
D A Ross N J Geistlinger
65(0):14-15
01 Aug 1968
Chemical control (insects), Forest insects, Larix occidentalis, Lindane, Logs, Lumber preservation, Wood borers. English abstract

19905-68
WOOD- AND BARK-FEEDING COLEOPTERA OF FELLED WESTERN LARCH IN BRITISH COLUMBIA.
D A Ross
Entomol Soc British Columbia J 64:23-24
01 Aug 1967 420 B77 (2)
Coleoptera, Forest insects, Insect biology, Larix occidentalis, Scolytidae, Tetropium velutinum, Wood borers. English abstract

19906-68
THE WESTERN LARCH BORER, TETROPIUM VELUTINUM LECONTE, IN INTERIOR BRITISH COLUMBIA.
D A Ross
Entomol Soc British Columbia J 64:25-28
01 Aug 1967 420 B77 (2)
Insect biology, Larix occidentalis, Tetropium velutinum, Tree diseases, Wood borers. English abstract

The nature of log damage relative to the life cycle of Tetropium velutinum is discussed.

19907-68
AN EVALUATION OF METHODS FOR PREVENTING TERMITE DAMAGE TO BUILDINGS.
R Sperling
Pans (pest Articles News Sum) Sect A Insect Contr 13(3):270-283
Aug 1967 423.92 G798
Agricultural outlook, Breeding, Fibers, Fumigation, Insect control, Insecticides, Poisoning, Soil analysis, Termites, Timber management.

19908-68
ANNOTATED LIST OF FOREST INSECTS OF BRITISH COLUMBIA. XIV. ENNOMINAE (GEOMETRIDAE).
B A Sugden
65(0):24-33
01 Aug 1968
Catalogs, Forest insects, Geometridae, Host relationships, Insect taxonomy, Zoogeography. English abstract

19909-68
DISTRIBUTION AND ABUNDANCE OF SITONA HISPIDULA (F.) AND THE EFFECT OF INSECT INJURY ON ROOT DECAY OF RED CLOVER IN THE MARITIME PROVINCES.
L S Thompson C B Willis
Can J Plant Sci 47(4):435-440 REF
Jul 1967 450 C16
Insect pests, Plant pest resistance, Root rot (red clover), Sitona hispidula.

19910-68
EFFECTIVENESS OF THE SYSTEMIC INSECTICIDE OXYDEMETONMETHYL APPLIED IN LIQUID FERTILIZER FOR GREEN PEACH APHID CONTROL ON CHRYSANTHEMUM.
N V Tonks
Can J Plant Sci 48(3):332-334
May 1968 450 C16
Aphidae, Chemical control (insects), Chrysanthemum, Insecticide application, Insecticides, Oxydemetonmethyl.

19911-68
SYSTEMIC PHOSPHOROUS INSECTICIDES. A NEW METHOD TO STUDY THE UPTAKE AND TRANSLOCATION IN PLANTS. (GE)
G Voss
Z Angew Zool 54(1):133-138
1967 449.8 Z36
Biological transport, Chemical control (insects), Cholinesterases, Insecticides, Organophosphorus compounds, Plant pest control, Plant physiology. German and english abstract

19912-68
THE PRINCIPLES OF QUANTITATIVE ECOLOGY AND THEIR APPLICATION IN ENTOMOLOGY. SYMPOSIUM, 1967 CONFERENCE, MAY 9-11, 1967. LINCOLN, NEW ZEALAND. DIASPIDIDAE ON COMMERCIALLY GROWN ORCHIDS IN NEW ZEALAND.
A Ward
New Zeal Entomol 4(1):50
Mar 1968 421 N48
Diaspididae, Orchidaceae.

19913-68
EPIDEMIOLOGY OF APHID-TRANSMITTED PLANT-VIRUS DISEASES.
M A Watson
Outlook Agr 5(4):155-166 REF
1967 10 OU8
Aphididae, Epidemiology, Insect behavior, Insect migration, Insect vectors, Reproduction, Virus diseases (plants), Weather.

19914-68
WHAT LOW VOLUME LARVICIDING MEANS TO AN OPERATIONAL MOSQUITO CONTROL AGENCY WHERE ECONOMY IS ESSENTIAL.
K G Whitesell
Utah Mosquito Abatement Ass Proc 1967 MEETING:19
Oct 1967 420 UT1
Agricultural outlook, Anopheles, Crop yields, Culex tarsalis, Larvicides, Research, Rice, Spraying. Proceedings of 20th Annual Meeting of Utah Mosquito abatement ass.

19915-68
THE MARSH CRANE FLY, TIPULA PALUDOSA MG., A NEW PEST IN BRITISH COLUMBIA (DIPTERA: TIPULIDAE).
A T S Wilkinson H R MacCarthy
Entomol Soc British Columbia J 64:29-34 REF
01 Aug 1967 420 B77 (2)
Chemical control (insects), Cultural control (insects), Demography, Diptera, Insect biology, Natural control (insects), Plant diseases, Tipulidae. English abstract

19916-68
SOME PHYSICAL AND CHEMICAL FACTORS OF TREE ROT HOLES.
F M Williams J H Linam
Utah Mosquito Abatement Ass Proc 1967 MEETING:26-28
Oct 1967 420 UT1
Aedes hendersoni, Chemicals, Correlation, Environment, Physiology, Tree diseases, Trees, Water. Proceedings of 20th Annual Meeting of Utah Mosquito abatement Ass.

19917-68
FIRST OCCURRENCE OF BALSAM WOOLLY APHID IN THE INTERIOR OF BRITISH COLUMBIA.
R O Wood
65(0):13-14
01 Aug 1968
Abies alba, Abies concolor, Aphididae, Chermes piceae, Forest insects, Forest surveys, Sanitation control (insects). English abstract

NEMATODES

19918-68
RED RING DISEASE OF THE COCONUT PALM, INOCULATION STUDIES AND HISTOPATHOLOGY.
G P Blair H M Darling
Nematologica 14(3):395-403 REF
1968 436.8 N342
Coconuts, Plant diseases, Plant nematodes, Red ring (coconuts), Roystonea. German and english abstract

19919-68
STEROL COMPOSITION OF THE NEMATODES DITYLENCHUS TRIFORMIS AND DITYLENCHUS DIPSACI, AND HOST TISSUES.
R J Cole L R Krusberg
Exp Parasitol 21(2):232-239 REF
Oct 1967 436.8 EX7
Chromatography, Ditylenchus, Histochemistry, Nematodes, Parasitism, Plant nematodes, Sterols. English abstract

19920-68
PRESENT SITUATION CONCERNING THE ATTACK BY THE NEMATODE, MELOIDOGYNE COFFEICOLA ON SAO PAULAS COFFEE CULTURE AND MEANS FOR ITS CONTROL. (POR)
S M Curi
Biologico 34(1):20-21
Jan 1968 442.8 B529
Coffee, Meloidogyne, Nematodes, Pest control, Plant pest resistance, Zoogeography.

19921-68
PATHOGENICITY AND DEVELOPMENT OF ROOT-KNOT NEMATODES ON AMPALAYA.
R G Davide
Philippine Agr 50(8):795-803
Jan 1967 25 P542
Meloidogyne incognita, Melons, Momordica charantia, Phytopathology, Plant nematodes.

19922-68
ACTIVITY OF DEHYDROGENASES IN TOMATO ROOT-KNOTS INFECTED WITH THE ROOT-KNOT NEMATODE.
S Kannan
Indian J Exp Biol 5(4):266
Oct 1967 442.8 IN2
Dehydrogenases, Meloidogyne incognita, Plant biochemistry, Plant nematodes, Root knot, Tomatoes. English abstract

19923-68
INFLUENCE OF DIFFERENT WATER SUPPLIES ON GROWTH AND DRYMATTER PRODUCTION OF NEMATODE INFECTED POTATO PLANTS, AS WELL AS ON THE POPULATION OF THE PARASITE. (GE)
G Meinl H Stelter
Biol Zentralbl 86(6):723-734 REF
Nov 1967 442.8 B523
Ecology, Heterodera rostochiensis, Plant physiology, Population statistics, Potatoes, Soil moisture. German and english abstract

19924-68
A NEMATICIDAL TRIAL AGAINST ROOT KNOT DISEASE OF TOMATO.
R N Singh
Trop Agr &peradeniya& 72(3-4):167-168
Jul 1966 26 T751
Chemical control (nematodes), Nematocides, Plant diseases, Plant nematodes, Root knot (tomatoes), Root rot, Tomatoes.

19925-68
ELECTRON MICROSCOPICAL STUDIES ON DITYLENCHUS DIPSACI II. OESOPHAGUS.
P H Yuen
Nematologica 14(3):385-394
1968 436.8 N342
Animal anatomy, Animal histology, Classification, Ditylenchus, Electron microscopy, Esophagus, Nematodes. German and english abstract

WEEDS

19926-68
CYTOLOGICAL EFFECTS OF PESTICIDES. II. MEIOTIC EFFECTS OF SOME PHENOLS.
S M Amer E M Ali
Cytologia 33(1):21-33 REF
Mar 1968 44.8 C99
Broadbeans, Cytology, Meiosis, Pesticides, Phenols, Plant abnormalities, Plant genetics. English abstract

19927-68
FIELD ASSAYS OF FUNGICIDES ON SMALL POTATOES. (POR)
C A Campacci L O C Rezende Y Ino
Biologico 33(4):74-79
Apr 1967 442.8 B529
Alternaria solani, Biological assay, Fungicides, Phytophthora infestans, Plant diseases, Potatoes. Portugese and english abstract

19928-68
WEED CONTROL WITH PARAQUAT IN PLANTATION CROPS.
I E Darter
Outlook Agr 5(5):208-214 REF
1968 10 OU8
Chemical control (weeds), Field crops, Orchards, Paraquat, Perennial plants, Plantations, Weed control.

19929-68
RESPONSE OF CONIFER SEEDLINGS AND WEEDS TO SEEDBED FUMIGANTS.
R Grover
Can J Plant Sci 48(2):189-196
Mar 1968 450 C16
Chemical control (weeds), Fumigants, Herbicides, Picea, Pinus, Seedlings, Soil fumigation. English abstract

19930-68
WEED CONTROL AND PUBLIC POLICY.
G W Irving
Nat Agr Chem Ass News Pesticide Rev 25(5):3-6
Jun 1967 421 AG8
Agricultural legislation, Food supply, Herbicides, Public health, Weed control.

19931-68
CONTROL OF GRASSES IN MANOBI GROVES WITH MIXTURES OF TRIFURALIN AND DIURON IN THREE REGIONS OF SAO PAULO STATE. (POR)
L Leiderman C A Lobato dos Santos
Biologico 33(10):227-232
Oct 1967 442.8 B529
Chemical control (weeds), Diuron, Peanuts, Trifluralin, Weed control. Portugese and english abstract

19932-68
PRE-EMERGENCE CHEMICAL CONTROL OF MATTRESS HAY ON COFFE PLANTATIONS. (POR)
L Leiderman M Kramer R Gregori K Nagai
Biologico 33(3):51-56
Mar 1967 442.8 B529
Chemical control (weeds), Coffee, D, 2,4-, Digitaria, Diuron, Herbicides, Linuron, Simazine, Weed control. Portugese and english abstract

19933-68
TURF HERBICIDE RX: ADD OIL.
F H McCowan
Agr Chem 23(4):18-21
Apr 1968 381 AG8
Grasses, Herbicides, Oils, Turf, Weed control.

19934-68
TALL FESCUE CAN BE CONTROLLED.
J R Oliver
New Zeal J Agr 116(6):46-47,49
Jun 1968 23 N48J
Chemical control (weeds), Festuca elatior, Herbicides, Paraquat, Poisonous plants.

19935-68
SHEEP CONTROL RING FERN ON STEEP COUNTRY.
A Whatman
New Zeal J Agr Res 114(5):20-21
May 1967 23 N4892
Cultural control (weeds), Pastures, Pteridophyta, Ranges, Sheep.
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Amer Vet Med Ass J 153(7):923-927
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M S Kwatra G L Sharma G Singh
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J E Martin W C Cole R A Whitney
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01 Oct 1968 41.8 AM3
Animal diseases, Diagnosis, Monkeys, Paralysis, Tuberculosis. English abstract

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APPLICATION OF A FLUORESCENT-ANTIBODY TECHNIQUE FOR THE DETECTION OF MYCOPLASMA MYCOIDES ANTIGEN AND ANTIBODY.
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Antibodies, Antigens, Fluorescent antibody technic, Immunodiagnosis, Methodology, Mycoplasma mycoides, Serodiagnosis. English abstract

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J A Moore B N Gupta G H Conner
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G Morcno J A Bottino E N Mos T Isey
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Animal diseases, Candida, Horses, Urogenital system. English and portuguese abstract

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Birds, Eggs, Immunization, Rabies virus, Tissue culture, Vaccines.

19994-68
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M R Nilsson
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Mar 1968 442.8 B529
Diagnosis, Fluorescent antibody technic, Inclusion bodies, Rabies virus, Virus diseases (animals).

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M R Nilsson W Sugay C L S Carvalho O L Pasqualin
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Cattle, Horses, Rabies virus, Surveys, Virus diseases (animals).

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Oct 1968 448.3 J82
Antibodies, Hemagglutination, Hemolysis, Immunochemistry, Lipopolysaccharides, Methodology, Mice, Salmonella. English abstract

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S Razin
J Bacteriol 96(3):687-694 REF
Sep 1968 448.3 J82
Electrophoresis, Microbiology, Mycoplasma, Proteins, Taxonomy. English abstract

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Animal genetics, Avian myeloblastosis virus, Biochemistry, Chickens, Newcastle disease virus, Ribonucleic acid, Viruses. French abstract

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15 Aug 1968 41.8 AM3
Livestock diseases, Salmonella, Salmonellosis. English abstract

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Coccidiosis, Electron microscopy, Parasitology, Tissue culture. German and english abstract

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E Simonyi K Bognar J Biro Z Palatka
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1968 41.8 AC83
Bovine virus diarrhea virus, Immunization, Livestock diseases, Methodology, Serotherapy.

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Bovine virus diarrhea virus, Immunization, Livestock diseases, Methodology, Serotherapy.

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J M B Smith
Australian Vet J 44(9):413-415
Sep 1968 41.8 AU72
Animal diseases, Dogs, Ears, Etiology, Otitis, Yeasts. English abstract

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THE ISOLATION OF INFECTIOUS BOVINE RHINOTRACHEITIS VIRUS FROM BOVINE SEMEN.
P B Spradbrow
Australian Vet J 44(9):410-412 REF
Sep 1968 41.8 AU72
Bovine rhinovirus, Cattle, Microorganism isolation, Semen. English abstract

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Animal diseases, Climate, Coccidiosis, Diagnosis, Immunity, Rabbits. English abstract

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D Taylor-Robinson Z Dinter
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Animal diseases, Mycoplasma, Serodiagnosis, Swine.

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D R Towar
Amer Vet Med Ass J 153(7):805-812
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Animal diseases, Autopsies, Deer, Isoniazid, Therapeutics, Tuberculosis. English abstract

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V P Tulchinskaya M S Mishnaevsky
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Animal physiology, Chickens, Grisein, Immunity, Vitamin a, Vitamin e. English abstract

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G F Vande Woude H L Bachrach
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Apr 1968 448.3 AR23
Animal diseases, Biochemistry, Electrophoresis, Foot-and-mouth disease virus, Picornaviruses, Proteins, Virus diseases (animals). English abstract

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INVESTIGATION OF OPTIMAL CONDITIONS FOR INTERFERON FORMATION IN ARBOVIRAL INFECTIONS OF CHICK EMBRYO CELL CULTURES. (RUS)
L M Vilner M P Chumakov N A Zeitlenok M M Goldbarb I M Rodin L M Brodskaya E V Finogenova
Antibiotiki 12(12):1093-1099 REF
Dec 1967 396.8 AN84
Arboviruses, Chick embryos, Interferon, Tissue culture. English and russian abstract

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CRYPTOCOCCUS NEOFORMANS INFECTION IN A DOG.
J L Wagner J R Pick M R Krigman
Amer Vet Med Ass J 153(7):945-949 REF
01 Oct 1968 41.8 AM3
Animal diseases, Autopsies, Central nervous system, Cryptococcus, Dogs, Fungi, Meningo-encephalitis. English abstract

20013-68
TRANSDUCTION OF VARIOUS R FACTORS BY PHAGE P1 IN ESCHERICHIA COLI AND BY PHAGE P22 IN SALMONELLA TYPHIMURIUM.
T Watanabe C Furuse S Sakaizumi
J Bacteriol 96(5):1791-1795 REF
Nov 1968 448.3 J82
Bacteriophages, Drug resistance, Escherichia coli, Salmonella typhimurium, Transduction. English abstract

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T Watanabe S Sakaizumi C Furuse
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Exp Parasitol 22(3):295-298
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Fluorescent antibody technic, Immunodiagnosis, Onchocerciasis, Parasitology. English abstract

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J Gen Microbiol 53(1):23-26 REF
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Biochemistry, Detergents, Enzymes, Lysis, Mycoplasma, Plasma membrane. English abstract

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ACTIVE IMMUNIZATION OF RATS WITH A CELL-FREE EXTRACT OF THE ERYTHROCYTIC PARASITES OF PLASMODIUM BERGHEI.
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Exp Parasitol 21(1):84-97 REF
Aug 1967 436.8 EX7
Immunization, Malaria, Plasmodium, Protozoal vaccines, Rodents. English abstract

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THE HYPOPIAL STAGE OF FALCULIFER ROSTRATUS IN THE TURTLEDOVE. (GE)
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Aug 1967 436.8 AN4
Host relationships, Insect physiology, Mites, Parasitic insects, Pigeons. German, russian, english and czech abstract

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Insecticides, Parasitism, Veterinary medicine.

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ERADICATION OF CATTLE TICK (BOOPHILUS MICROPLUS) FROM MAGNETIC ISLAND, QUEENSLAND, IN THE PRESENCE OF NATIVE FAUNA.
L A Y Johnston R H Wharton J H Calaby
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Boophilus, Insect pests, Livestock, Sanitation control (insects). English abstract

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B H Kanatack
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Aerial spraying, Chemical control (insects), Haematobia irritans, Insect control, Malathion, Musca autumnalis, South Dakota.

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M M J Lavoipierre
Exp Parasitol 20(3):303-311 REF
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Food habits, Haematopinidae, Haematopinus suis, Methodology, Mice, Mouth parts. English abstract

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MECHANICAL REMOVAL OF RHIPICEPHALUS SANGUINEUS FROM THE DOG.
J H Theis
Amer Vet Med Ass J 153(4):433-437
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Dogs, Pest control, Rhipicephalus sanguincus. English abstract

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J C Woodard
Amer Vet Med Ass J 153(7):905-909
01 Oct 1968 41.8 AM3
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FINE STRUCTURE OF THE INTESTINE OF THE NEMATODES. ANCYLOSTOMA CANINUM AND PHOCANEMA DECIPIENS.
J Andreassen
Z Parasitenk 30(1):318-336 REF
26 Jul 1968 442.8 Z33F
Animal histology, Electron microscopy, Intestines, Nematodes, Parasitology. German and english abstract

20027-68
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Angew Parasitol 8(4):237-244
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Animal diseases, Helminths, Labeling, Methodology, Trypan blue. English, german russian and bulgarian abstract

20028-68
RECENT TECHNIQUE FOR SERODIAGNOSIS OF HUMAN AND ANIMAL HYDATIDOSIS. I. EVOLUTION OF THE TECHNIQUES FOR IMMUNODIAGNOSIS OF HYDATIDOSIS; COMMON METHODS. (SP)
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Animal diseases, Echinococcosis, Serodiagnosis.

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Jan 1968 436.8 R32
Animal diseases, Bentonite, Echinococcosis, Flocculation, Medicine, Serodiagnosis.

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Dec 1967 436.8 EX7
Antibodies, Ascaris, Globulins, Nematodes, Rodents. English abstract

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M F Diez
Rev Iberica Parasitol 28(1):32-66 REF
Jan 1968 436.8 R32
Epizootic diseases, Nematodes, Sheep. English abstract

20032-68
THE ANTHELMINTIC ACTIVITY OF THE OPTICAL ISOMERS OF TETRAMISOLE IN SHEEP AND CATTLE.
B A Forsyth
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Anthelmintics, Cattle, Drug therapy, Nematodes, Sheep, Stereochemistry, Toxicity. English abstract

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P Franchi E E A Hahn
Z Parasitenk 30(4):360-367 REF
26 Jul 1968 442.8 Z33F
Methodology, Research, Tissue culture, Toxoplasma. German and english abstract

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HISTOCHEMICAL LOCALIZATION OF ESTERASE ACTIVITY IN SCHISTOSOMES.
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Exp Parasitol 21(3):380-390 REF
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Blood parasites, Enzymes, Esterases, Histochemistry, Schistosoma, Trematoda. English abstract

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Animal abnormalities, Animal diseases, Ascaris, Autopsies, Central nervous system, Squirrels. English abstract

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M E P Gimenez A Gimonez K Gaede
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Oct 1967 436.8 EX7
Ancylostomatidae, Carbohydrates, Histochemistry, Metabolism, Parasitism, Proteins. English abstract

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EXPERIMENTS WITH PYRANTEL TARTRATE IN THE TREATMENT OF GASTRO-INTESTINAL PARASITOSIS IN GOATS. (SP)
F M Gomez
Rev Iberica Parasitol 28(1):67-76 REF
Jan 1968 436.8 R32
Goats, Intestines, Parasitism, Pyrimidines. English and spanish abstract

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THIBENZOLE FOR SYNGAMOSIS THERAPY. (GE)
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Angew Parasitol 8(3):165-168
Aug 1967 436.8 AN4
Benzene, Chemical control (nematodes), Chickens, Drug therapy, Host relationships, Nematodes, Syngamus trachea. German, russian and english abstract

20039-68
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A Greichus Y A Greichus
Exp Parasitol 21(1):47-52 REF
Aug 1967 436.8 EX7
Ascaris, Biochemistry, Lipids, Nematodes, Starvation. English abstract

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SENSITIVITY OF TRYPANOSOMES TO METABOLIC INHIBITORS.
J J Jaffe
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Jun 1967 500 N4840T
Animal physiology, Antimetabolites, Carbohydrates, Drug therapy, Lipids, Metabolism, Nucleic acids, Proteins, Trypanosoma.

20041-68
HISTOCHEMICAL STUDY OF DRUG EFFECTS ON MICE INFECTED WITH TRICHINELLA SPIRALIS.
Z Kozar J Zarzycki R Seniuta T Martynowicz
Exp Parasitol 21(2):173-185 REF
Oct 1967 436.8 EX7
Animal diseases, Drugs, Histochemistry, Mice, Parasitism, Trichinella. English abstract

20042-68
THE HATCHING OF TAENIID EGGS.
G F Laws
Exp Parasitol 23(1):1-10 REF
Aug 1968 436.8 EX7
Echinococcus granulosus, Eggs, Embryology, Hatching, Taenia hydatigena, Taenia ovis, Taenia pisiformis. English abstract

20043-68
FINE STRUCTURE OF DIROFILARIA IMMITIS BODY-WALL MUSCULATURE.
C-c Lee J H Miller
Exp Parasitol 20(3):334-344 REF
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Dirofilaria immitis, Microscopy, Morphology, Muscles, Nematodes. English abstract

20044-68
OXYGEN UPTAKE BY TRYPANOSOMA LEWISI--COMPLEX CELLS. IV. E AND SP ISOLATES.
D R Lincicome A A Warsi C M Lee
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Aug 1968 436.8 EX7
Animal metabolism, Animal respiration, Oxygen, Physiology, Trypanosoma. English abstract

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DYNAMICS OF THE PERMEATION OF NEMATODES BY WATER, NEMATOCIDES AND OTHER SUBSTANCES.
C F Marks I J Thomason C E Castro
Exp Parasitol 22(3):321-337 REF
Jun 1968 436.8 EX7

Animal physiology, Ethylene dibromide, Glucose, Glycine, Nematocides, Nematodes, Permeability, Sodium acetate. English abstract

20046-68
EXPOSURE OF TRIBOLIUM CONFUSUM TO THIO-TEPA, AND ITS EFFECT UPON DEVELOPMENT OF HYMENOLEPIS DIMINUTA CYSTICERCOIDS.
D F Mettrick J R Parnell
Exp Parasitol 20(1):17-26 REF
Feb 1967 436.8 EX7
Cestoda, Chemosterilants, Hymenolepis diminuta, Insect vectors, Tepa, Tribolium confusum. English abstract

20047-68
HATCHING OF DICROCOELIUM LANCEOLATUM EGGS.
L H Ractliffe
Exp Parasitol 23(1):67-78
Aug 1968 436.8 EX7
Carbon dioxide, Dicrocoelium dendriticum, Eggs, Embryology, Hatching, Hydrogen-ion concentration, Trematoda. English abstract

20048-68
PEROXIDASE ACTIVITY IN PLATYHELMINTH CUTICULAR MITOCHONDRIA.
A H Rothman
Exp Parasitol 23(1):51-55
Aug 1968 436.8 EX7
Cestoda, Electron microscopy, Hymenolepis, Mitochondria, Peroxidases, Trematoda. English abstract

20049-68
ULTRASTRUCTURAL ENZYME LOCALIZATION IN THE SURFACE OF MONILIFORMIS DUBIUS (ACANTHOCEPHALA).
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Exp Parasitol 21(1):42-46 REF
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Acanthocephala, Cuticle, Enzymes, Physiology, Rats. English abstract

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K Rybicka
Exp Parasitol 20(3):263-266
Jun 1967 436.8 EX7
Acetylcholinesterases, Biochemistry, Cestoda, Embryology, Hymenolepis diminuta. English abstract

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Exp Parasitol 22(3):352-422 REF
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Bibliography, Biochemistry, Metabolism, Nutrition, Parasites.

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TRANSMAMMARY PASSAGE OF INFECTIVE-STAGE NEMATODE LARVAE.
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Vet Med/small Anim Clin 62(3):252-253 REF
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Ancylostoma caninum, Ancylostomatidae, Dogs, Larvae, Nematodes, Toxocara canis, Veterinary medicine.

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ELECTRON-MICROSCOPY OF EMBRYONIC ENVELOPE FORMATION BY THE CESTODE CATENOTAENIA PUSILLA.
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Exp Parasitol 23(1):104-113 REF
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Cell wall, Cestoda, Cytology, Electron microscopy, Plasma membrane. English abstract

20054-68
STATISTICAL ESTIMATION OF WORM BURDENS (ASCARIDIA GALLI) IN CHICKENS.
C T Train M F Hansen
Exp Parasitol 23(1):11-21 REF
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Ascaridae, Diagnosis, Eggs, Poultry, Statistical analysis. English abstract

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THE RICTULARIA (NEMATODA: SPIRURIDAE), AND OXIMENA (NEMATODA: OXYURIDEA) FROM THE INTESTINES OF FOXES IN SPANISH PROVINCES. (SP)
F S Vicente
Rev Iberica Parasitol 28(1):1-18 REF
Jan 1968 436.8 R32
Foxes, Intestines, Nematodes, Taxonomy. English and spanish abstract

20056-68
CYSTICERCOSIS IN FOUR RHESUS BRAINS.
J H Vickers L R Penner
Amer Vet Med Ass J 153(7):868-871
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Animal diseases, Autopsies, Brain, Echinococcosis, Monkeys. English abstract

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EFFECTS OF STRESS UPON ACQUIRED IMMUNITY TO THE DWARF TAPEWORM, HYMENOLEPIS NANA.
C J Weinmann A H Rothman
Exp Parasitol 21(1):61-67 REF
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Cestoda, Hymenolepis, Immunity, Mice, Stress. English abstract

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20058-68
REPORT OF SUBCOMMITTEE F ON RECOMMENDATIONS OF REFEREES.
M T Bartram L S Stuart H L Bodily W V Eisenberg
Ass Offic Anal Chem J 51(2):406-408
Mar 1968 381 AS7
Antiseptics, Drugs, Food contamination, Insects, Microbiology.

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20059-68
EMPLOYMENT OF MALEIC HYDRAZIDE IN THE STORAGE OF ONION BULBS. (SP)
H G Blanco L Leiderman
Biologico 34(4):90-93
Apr 1968 442.8 B529
Maleic hydrazide, Onions, Plant protection, Storage. English and spanish abstract

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THE NATURAL SKIN COATING OF THE APPLE AND ITS INFLUENCE ON SCALD IN STORAGE. II. FREE FATTY ACIDS AND CARBONYL COMPOUNDS.
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J Sci Food Agr 18(7):307-313
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Aldehydes, Apples, Diphenylamine, Scald (apples), Storage diseases.

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EXPERIMENTS ON THE PREVENTION OF FLY-MAGGOT INFECTION OF MEAT. (GER)
K Borger H Maier-Bode
Arch Lebensmittelhyg 18(2):38-42
Feb 1967 41.8 L49
Chemical control (insects), Diptera, Food contamination, Maggots, Meat preservation, Pyrethrum, Trichlorfon. German abstract

20062-68
CONTAMINATION INDEXES IN DEGERMINATED CORN PRODUCTS.
C E Curtis
Ass Offic Anal Chem J 51(2):338-346, REF
Mar 1968 381 AS7
Birds, Corn, Equipment, Food contamination, Insect identification, Insects, Mites, Rodents, X-rays.

20063-68
REPORT ON EXTRANEOUS MATERIALS IN FOODS AND DRUGS.
W V Eisenberg
Ass Offic Anal Chem J 51(2):324
Mar 1968 381 AS7
Drugs, Food analysis, Food contamination, Insects, Molds.

20064-68
EXPERIMENTS ON STERILIZATION OF THE SNOUT-BEETLES, PHILYCTINUS CALLOSUS BOH. AND EREMNUS SETULOSUS BOH., ON EXPORT GRAPES IN COLD-STORAGE.
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Chemical control (insects), Cold storage, Curculionidae, Eremnus, Grapes, Phlyctinus, Plant quarantine, Sanitation control (insects), Sulfur dioxide. English abstract

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POTENTIAL USES OF PHOSPHINE BY PEST CONTROL OPERATORS.
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Pest Contr 35(7):11-14,58,60
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Aluminum phosphide, Food industry, Fumigants, Grain, Pest control operators, Pesticide application, Phosphine, Storage.

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Aircraft, Bird pests, Insects, Pest control.

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Biological assay, Pest control, Rats, Research, Rodenticides, Toxicology. French, spanish, german and english abstract

MICROBIAL CONTAMINATION

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USE OF POTASSIUM SORBATE, DIETHYLPYROCARBONATE AND HEAT FOR THE PRESERVATION OF PRUNES AT HIGH MOISTURE LEVELS.
H R Bolin F P Boyle
J Sci Food Agr 18(7):289-291
Jul 1967 382 SO12
Diethylpyrocarbonate, Food processing, Molds, Potassium sorbate, Yeasts.

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REPORT ON MICROBIOLOGICAL METHODS FOR THE ANALYSIS OF FOOD.

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Ass Offic Anal Chem J 51(2):324-326
Mar 1968 381 AS7
Clostridium botulinum, Escherichia coli, Food analysis, Food contamination, Microbiology, Salmonella.

20070-68
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Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Maneb, Nabam, Rot (tomatoes), Storage diseases, Tomatoes.

ENVIRONMENTAL CONTAMINATION

20071-68
PREVENTING FISH AND WILDLIFE LOSSES.
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Aerial Appl 5(11):4-6
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Fish conservation, Fishkill, Pesticides, Wildlife conservation.

RESIDUES

20072-68
PERSISTENT PESTICIDES. PART 3.
Agr Chem 22(8):26,30-31
Aug 1967 381 AG8
Biological control (pests), Carbamates, Chemical control (pests), Pesticide residues, Pesticides, Phosphates, Pyrethrum, Rotenone.

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T E Archer
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Endrin, Feed, Hay, Insecticide residues, Livestock. English abstract

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RESIDUAL SPRAYS FOR THE CONTROL OF HOUSE FLIES, MUSCA DOMESTICA, IN DAIRY BARNS.
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Carbamates, Chemical control (insects), Dairy barns, Dimethoate, Fenthion, Insecticide residues, Musca domestica, Organophosphate compounds, Spraying.

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HYGIENIC PROBLEMS OF INSECTICIDE RESIDUES IN FOOD. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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REPORT OF SUBCOMMITTEE E ON RECOMMENDATIONS OF REFEREES. (TRANSACTIONS OF THE ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS).
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Carbamates, Chlorinated hydrocarbons, Fumigants, Organophosphorus compounds, Pesticide analysis, Pesticide residues.

20077-68
IUPAC COMMISSION ON THE DEVELOPMENT, IMPROVEMENT, AND STANDARDIZATION OF METHODS OF PESTICIDE RESIDUE ANALYSIS.
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Ass Offic Anal Chem J 51(2):365-372 REF
Mar 1968 381 AS7
Chlorinated hydrocarbons, Fumigants, Mercury compounds, Organophosphorus compounds, Pesticide analysis, Pesticide residues, Pyrethrum.

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IUPAC COMMISSION ON TERMINAL RESIDUES.
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Ass Offic Anal Chem J 51(2):372-378 REF
Mar 1968 381 AS7
Carbamates, Carbaryl, Chlordane, Chlorinated hydrocarbons, Cyclodiene compounds, Dichlorvos, Dithiocarbamates, Fumigants, Lindane, Organophosphorus compounds, Pesticide residues.

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PERSISTENCE OF HERBICIDES IN SOIL.
C G L Furmidge J M Osgerby
J Sci Food Agr 18(7):269-273
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Adsorption, Herbicides, Pesticide residues, Soils.

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THE INJURIOUS EFFECT OF INSECTICIDES ON PLANTS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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DISSIPATION OF INSECTICIDE RESIDUES FROM CROP OF INDIAN RAPE SEED. I. TREATMENT WITH BHC-0WP AND LINDANE-EC.
V Kavadia R Lal
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Benzene hexachloride, Biological assay, Insecticide residues, Lindane, Rape, Seeds.

20082-68
RESIDUES OF MEVINPHOS ON CAULIFLOWER. (POR)
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Cauliflower, Insecticide residues, Mevinphos, Toxicology. Portuguese abstract

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Almonds, Chromatography, Dinitrobutylphenol, Electron capture, Fruit, Herbicide residues.

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1965
Bees, Insecticides, Plants, Poisons.

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TOXICITY OF INSECTICIDES TO FISH. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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1965
Carbamates, Chlorinated hydrocarbons, Fish, Insecticides, Organophosphorus compounds, Toxicology.

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TOXICITY OF INSECTICIDES TO WARM BLOODED ANIMALS. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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Animals, Carbamates, Chlorinated hydrocarbons, Insecticides, Organophosphorus compounds, Toxicology.

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OCCUPATIONAL HAZARDS.
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Agr Chem 23(4):44,46
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Accident prevention, DDT, Pesticides, Public health, Toxicology.

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Adhesives, Fungicides, Phytotoxicity, Tomatoes, Toxicology.

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Chlorinated hydrocarbons, Health, Insecticides, Organophosphorus compounds, Toxicology.

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Insecticides, Toxicology.

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REMEDY AND TREATMENT FOR INSECTICIDE POISONING. IN: EICHLER, W., ED., HANDBOOK OF INSECTICIDE KNOWLEDGE. SB951.E4. (GE)
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Health, Humans, Insecticides, Livestock, Toxicology.

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19676

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19702

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19703

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The hatching of taeniid eggs.
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The hatching of taeniid eggs.
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Note on several phytophagous mites from the island of Reunion with a description of a new species of the genus Eotetranychus Oudemans (Tetranychidae).
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19531

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19563

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19642

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19643

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19683

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19877

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19881

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19920

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19976

Abdullah, M
Megill University, Canada; Macdonald College; Dept. of Entomology
19336

Abeygunawardena, D V W
Central Agricultural Research Institute, Peradeniya, Ceylon; Division of Plant Pathology
19801

Adiyodi, K G
Kerala University, South India; Dept. of Zoology
19537

Ahmad, N D
Government College, Lahore, Pakistan; Dept. of Zoology
19337

Al-Doory, Y
Southwest Foundation for Research and Education, San Anton; Division of Microbiology and Infectious Diseases
19941

Albrechtova, L
Central Research Institute of Plant Production, Prague, Cze
19802

Alexander, C P
Massachusetts University, Amherst; Entomological Laboratory
19338

Allen, D C
Michigan University, Ann Arbor; Dept. of Forestry
19340

Almeida, F X R F de
Universidade de Coimbra, Portugal; Museu e Laboratorio Zoologico
19539

Almeida, F X R F de
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19540

Amer, S M
National Research Centre, Cairo, United Arab Republic; Laboratory of Cytology and Genetics
19926

Ames, G F
California University Berkeley; Depts. of Biochemistry and Molecular Biology
19942

Amos, T G
Ministry of Overseas Development, Slough, England; Tropical Stored Products Centre
19542

Ananthakrishnan, T N
Loyola College, Madras, South India; Dept. of Zoology
19341

Anastos, G
Maryland University, College Park; College of Arts and Sciences; Dept. of Zoology
19794

Anderson, W W
Yale University, New Haven, Conn.; Dept. of Biology
19765

Andreassen, J
Copenhagen University, Denmark; Dept. of Parasitology; Zoological Laboratory
20026

Archer, T E
California University, Davis; Agricultural Toxicology and Residue Research Laboratory
20073

Arnott, D A
Canada Dept. of Agriculture, Kamloops; Research Branch
19865

Arru, G M
Istituto di Sperimentazione per la Pioppicoltura, Casale
19544

Arurkar, S K
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19545

Athias-Henriot, C
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19342

Athias-Henriot, C
Institut National de la Recherche Agronomique, Dijon, Fran; Laboratoire de Pedozoologie
19343

Austenson, H M
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19936

Aviado, D M
Pennsylvania University School of Medicine, Philadelphia; Dept. of Pharmacology
19943

Bahrmann, R
Zoologisches Institut der Universitat, Jena, Germany
19546

Baker, W K
Chicago University, Illinois; Dept. of Zoology
19766

Balachowsky, A S
Museum National d'Histoire naturelle, Paris, France; Laboratoire d'Entomologie generale et appliquee
19547

Balazs, I
Chile University, Santiago; Dept. of Parasitology
19548

Balish, E
Argonne National Laboratory, Illinois
19944

Balish, E
Oak Ridge Associated Universities, Tennessee; Medical Division
20108

Banham, F L
Canada Agriculture Research Branch, Summerland
19549

Banham, F L
Canada Agriculture Research Station, British Columbia
19866

Baraud, J
Bordeaux Universite, France; Faculte des Sciences
19346

Barbier, R
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19550

Barnhart, B J
California University; Los Alamos Scientific Laboratory, New Mexico; Biomedical Research Group
19945

Bechyne, J
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19348

Bechyne, J
Facultad de Agronomia, Maracay, Venezuela
19349

Beckman, B L
Washington University, Seattle; Dept. of Preventive Medicine
19946

Bedford, G O
Commonwealth Industrial and Scientific Research Organiza; Tion, Canberra, Australia; Division of Entomology
19552

Benson, W R
U. S. Food and Drug Administration, Washington, D. C.; Division of Food Chemistry
20120

Benson, W R
U. S. Food and Drug Administration, Washington, D. C.; Division of Food Chemistry
20121

Bey-Biyenko, G Ya
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19331

Bhardwaj, S N
Indian Agricultural Research Institute, New Delhi; Division of Plant Physiology and Phytotronics
20109

Biezanko, C M
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19353

Bigelow, R S
Canterbury University, New Zealand
19767

Biliotti,e
Institut National de la Recherche Agronomique, Avignon, Fr; Laboratoire de Recherches de Lutte biologique,
19553

Blackmon, D M
Georgia University, Athens; College of Agriculture Experiment Stations
19947

Blair, G P
Ministry of Agriculture, Trinidad and Tobago, British West; Indies; Red Ring Research Div.
19918

Bluzat, R
Faculte des Sciences, Essonne, France; Laboratoire de Zoologie
19554

Bolin, H R
U. S. Dept. of Agriculture, Albany, California; Agricultural Research Service; Western Regional Research Laboratory
20068

Bolton, A T
Canada Dept. of Agriculture, Ottawa; Research Station
19805

Boock, J O
Instituto Agronomico, Campinas, Brazil
19806

Bordereau, C
Faculte des Sciences, Dijon, France; Laboratoire de Zoologie
19556

Borger, K
Bundesamt fur zivilen Bevolkerungsschutz, Bad Godesberg,; Germany
20061

Borkhsenius, N S
USSR Academy of Sciences, Leningrad; Zoological Institute
19354

Bose, K C
Ranchi University, India; Zoological Research Laboratory
19557

Boulard, M
Centre de recherches agronomiques, Republic of South Afr; Laboratoire d'Entomologie
19356

Boulard, M
Museum National d'Histoire naturelle, Paris, France; Laboratoire d'Entomologie Generale et Appliquee
19558

Boulay, G
Ecole normale superieure,; Laboratoire de Zoologie
19560

Bournier, A
Ecole Nationale Superieure Agronomique, Montpellier, France; Laboratoire de Zoologie
19358

Bournier, A
Ecole nationale superieure agronomique de Montpellier, F; Laboratoire de Zoologie
19359

Boyer, N
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20110

Bradbury, J F
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Bradbury, J F
Commonwealth Mycological Institute, Surrey, England
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Bradbury, J F
Commonwealth Mycological Institute, Surrey, England
19809

Bradbury, J F
Commonwealth Mycological Institute, Surrey, England
19810

Briggs, N T
Walter Reed Army Institute of Research, Washington, D. C.; Dept. of Medical Zoology
19948

Broderick, E J
Cornell University, Geneva, N. Y.; New York State Agricultural Experiment Station
20122

Brousse-Gaury, P
Laboratoire d'Evolution des Etres organises, Paris, Fran; Ecole Normale Superieure
19561

Brown, N S
Boston University, Massachusetts; Dept. of Biology
19795

Brumbaugh, L R
San Joaquin Mosquito Abatement District, Stockton, Calif.
20141

Brunnert, H
Wurzburg Universitat, Germany; Institut fur angewandte Zoologie
19562

Buckett, J S
California Dept. of Agriculture, Sacramento, Calif.; Bureau of Entomology
19563

Buffington, J D
Illinois University, Champaign; Zoology Dept.
19564

Bullock, J A
Malaya University, Kuala Lumpur, Malaysia; School of Biological Sciences; Ecology Unit
19565

Bulyginskaya, M A
All-Union Research Institute for Plant Protection,; Leningrad
19566

Burden, G S
U. S. Dept. of Agriculture, Gainsville, Fla.; Agricultural Research Service; Entomology Research Division
19567

Burden, O J
Queensland Dept. of Primary Industries, Brisbane, Australia; Division of Plant Industry; Plant Pathology Section
19811

Burgerjon, A
Institut National de la Recherche, Agronomique, Versailles; Station de recherches de lutte biologique et de; biocoenotique
19568

Burgoyne, W E
California University, Davis; Dept. of Agricultural Engineering
19867

Burke, J A
U. S. Food and Drug Administration, Washington, D. C.; Division of Food Chemistry
20123

Burks, B D
U. S. National Museum, Washington, D. C.
19365

Burks, B D
Agricultural Research Service; Entomology Research Division, Washington, D. C.
19366

Buske, M
Bzirks-hygiene Institut, Potsdam, Germany; Abteilung fur Medizinische Parasitologie
19949

Butler, L
Georgia University, Athens; Dept. of Entomology
19367

Buttiker, W
Ciba Corp., Basle, Switzerland
19368

Caithness, T A
Dept. of Internal Affairs, Wellington, New Zealand; Wildlife Service
20066

Cals-Usciati, J
Faculte des Sciences, Paris, France; Laboratoire de Zoologie
19569

Campacci, C A
County Agricultural Committe; Secao de Fungicidas
19812

Campacci, C A
Instituto Biologico, Sao Paulo, Brazil; Secao de Fungicidas
19927

Canard, M
Faculte des Sciences, Toulouse, France; Laboratoire d'Entomologie
19369

Canard, M
Faculte des Sciences, Toulouse, France; Laboratoire d'Entomologie
19570

Canard, M
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19571

Cantacuzene, A-m
Faculte des Sciences, Paris France; Laboratoire de Biologie animale C
19572

Capener, A L
Plant Protection Research Institute, Pretoria, South Africa
19370

Cardale, J
Queensland University, Australia; Dept. of Entomology
19573

Cardale, J
Queensland University, Australia; Dept. of Entomology
19574

Carson, H L
Washington University, Saint Louis, Missouri; Dept. of Biology
19575

Caruolo, E V
North Carolina State University, Raleigh; Animal Science Dept.
19950

Carvalho, Ed L de
Museu do Dundo, Angola, Portugal
19371

Casnati, G
Consiglio Nazionale delle Recherche, Milan, Italy; Istituto di Chimica del Politecnico
19576

Cassier, P
Faculte des Sciences, Paris, France; Laboratoire d'Evolution des Etres organises
19577

Castro, J G
Instituto 'lopez-Neyra' de Parasitologia; Seccion de Inmunoparasitologia
20028

Caswell, R L
U. S. Dept. of Agriculture, Washington, D. C.; Agricultural Research Service; Pesticides Regulation Division
20124

Cavill, G W K
New South Wales University, Kensington, Australia; School of Chemistry
19578

Chararas, C
Institut national agronomique; Laboratoire de Zoologie
19579

Chattopadhyay, S B
Kalyani University, West Bengal; College of Agriculture
19813

Chopra, N P
Mohalla Sheranwalla, Kapurthala, India
19580

Chorvath, B
Comenius University, Bratislava, Czechoslovakia; Dept. of Epidemiology
19952

Claassens, A J M
St. Paul's Boys School, Windhoek, South West Africa
19581

Coineau, Y
Laboratoire Arago, France
19373

Cole, R J
Agricultural Research Station, Beltsville, Maryland; Entomology Research Division; Insect Physiology
19919

Cole, W C
Medical Research Laboratory, Edgewood Arsenal, Maryland; Dept. of Veterinary Medicine
19953

Coleman, C H
U. S. Agency for International Development Mission, Nigeria
19954

Collingwood, C A
National Agricultural Advisory Service, Reading, England; South East Region
19868

Colwill, D J
Tropical Pesticides Research Headquarters and; Information Unit.
20144

Cook, D R
Wayne State University, Detroit, Michigan; Dept. of Biology
19374

Cook, V A
Dept. of Agriculture, Oamaru, New Zealand
19583

Costa, M
State Teacher's College 'seminar Hakibbutzim' Oranim
19375

Courtois, J-e
Faculte de Pharmacie, Paris, France; Laboratoire de Chimie biologique
19584

Couturier, A
Institut national de la Recherche agronomique, Colmar, F; Station de Zoologie agricole
19585

Crandall, C A
Florida University, Gainesville; Dept. of Pathology and Microbiology
20030

Cross, R F
Ohio Agricultural Research and Development Center
19955

Crozier, R H
Melbourne University, Australia; Dept. of Genetics
19769

Cumber, R A
Dept. of Scientific and Industrial Research, Auckland, New; Zealand; Entomology Division
19586

Curi, S M
Instituto Biologica, Sao Paulo
19869

Curtis, C E
Purdue University, Lafayette, Indiana; Dept. of Entomology
20062

Cuzin-Roudy, J
Faculte des Sciences, Paris, France; Laboratoire de Zoologie
19587

Damas, D
Faculte des Sciences, Paris, France; Laboratoire de Cytologie
19956

Darter, I E
Jealott's Hill Research Station, Bracknell, England
19928

Das, K
Banaras Hindu University, Varanasi, India; College of Agriculture; Plant Genetics Laboratory
19814

Davies, G
Ministry of Agriculture, Fisheries and Food, Weybridge,; England; Central Veterinary Lab.
19958

De Lesse, H
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19770

Dejoux, C
O. R. S. T. O. M., Fort-Lamy, Chad
19589

Delanoue, P
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19591

Delucchi, V
Ecole Polytechnique Federale, Zurich, Switzerland; Institut d'Entomologie
19592

Demoulin, G
Institut royal des Sciences naturelles, Belgium
19377

Deshpande, K S
Marathwada University, Aurangabad, India; Botany Dept.
19870

Diez, M F
Leon y Estacion Agricola Experimental; Facultad de Veterinaria; Laboratorio de Parasitologia
20031

Dispons, P
Museum national d'Histoire naturelle, Paris, France; Laboratoire d'Entomologie
19381

Doane, C C
Connecticut Agricultural Experiment Station, New Haven
19771

Dobrotworsky, N V
Melbourne University, Australia; Dept. of Zoology
19382

Dodge, H R
Washington State University, Pullman
19383

Doidge, D F
Dept. of Forestry and Rural Development, Vernon, Canada; Forest Entomology Laboratory
19871

Doira, H
Kyushu University, Fukuoka, Japan
19593

Dolling, W R
Imperial College Field Station, Berkshire, Great Britain
19384

Domanski, R E
Woman's Medical College of Pennsylvania, Philadelphia; Dept. of Microbiology
19959

Downing, R S
Canada Agriculture Research Branch, Summerland
19872

Drea, J J
Agricultural Research Service, Moorestown, N. J.; Entomology Research Division
19385

Duggan, R E
U. S. Food and Drug Administration, Washington, D. C.
20076

Dumortier, B
Centre National de Recherches Zootechniques, Jouy-en-josas,; Laboratoire de Physiologie Acoustique
19594

Dunez, J
Institut National de la Recherche Agronomique, Gironde, Fr; Station de Pathologie Vegetale du Sud-quest
19815

Dunkel, F V
Wisconsin University, Madison; Dept. of Entomology
19595

Duranton, H
Institut de Botanique, Strasbourg, France; Faculte des Sciences
19816

Dusaussoy, G
Institut National de la Recherche Agronomique, Versailles; Station de Recherches de Lutte Biologique et de; biocoenotique
19596

Eckert, M
Friedrich-Schiller-Universitat Jena, Germany; Zoologischen Institut
19597

Ecobichon, D J
Guelph University, Ontario, Canada; Dept. of Physiology and Pharmacology
20091

Ehara, S
Hokkaido Univ., Sapporo, Japan; Zoological Inst.
19598

Eisenberg, W V
U. S. Food and Drug Administration, Washington, D. C.; Division of Microbiology
20063

El Badry, E A
Khartoum University, Soudan; Faculty of Agriculture
19386

Elbadry, E A
Ain Shams University, United Arab Republic; Faculty of Agriculture
19387

Evans, G
Agricultural Research Station; New South Wales Dept. of Agriculture, Australia
19817

Evans, H E
Harvard University, Cambridge, Mass.; Museum of Comparative Zoology
19390

Evans, H E
Harvard University, Cambridge, Mass.; Museum of Comparative Zoology
19391

Evans, H E
Harvard University, Cambridge, Mass.; Museum of Comparative Zoology; Dept. of Entomology
19602

Ewer, D W
Fisons Pest Control, Johannesburg, South Africa
19603

Fain, A
Prince Leopold Institute of Tropical Medicine, Antwerp, Bel
19393

Farish, D J
Harvard University, Cambridge, Mass.; Biological Laboratories
19772

Fenemore, P G
DSIR, Nelson, New Zealand; Entomology Division
19873

Fleischmann, G
Canada Dept. of Agriculture Research Station, Winnipeg
19818

Ford, E J
Agricultural Research Service, Baltimore, Maryland; Plant Quarantine Division
19395

Forsyth, B A
Imperial Chemical Industries of Australia and New Zealand; Merrindale Research Station
20032

Franchi, P
Instituto Sieroterapico Milanese S. Belifanti, Milan, Italy
20033

Francois, F J J
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19396

Frazer, A C
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19874

Free, J B
Rothamsted Experimental Station, Herts, England
19605

French, R A
Rothamsted Experimental Station, Harpenden, Great Britain
19397

Freytag, P H
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19398

Friedhoff, K
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19606

Fripp, P J
South African Institute for Medical Research, Johannesburg
20034

Fristrom, D
California University, Berkeley; Dept. of Genetics
19773

Fritz, T E
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20035

Fritzsche, R
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19819

Froeschner, R C
Smithsonian Institute, Washington, D. C.
19399

Froeschner, R C
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19400

Frolli, R F
Kings County Mosquito Abatement District
19875

Fuchs, M S
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19607

Fulcrand, J
Faculte des Sciences, Montpellier, France; Laboratoire de Psychophysiologie et comportement animal
19608

Furer, N M
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19960

Furmidge, C G L
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20079

Galzy, R
Centre de Recherches Agronomiques du Midi, Montpellier, Fr; Laboratoire de pathologie Vegetale
19820

Gander, E
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19609

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19402

Gaud, J
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19403

Gay, F J
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Gay, F J
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Geer, B W
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19610

Gehring, W
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19774

Geib, A F
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19876

Gentry, J W
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19611

Geri, C
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19612

Gibson, L P
U. S. Dept. of Agriculture, Delaware, Ohio; Forest Service; Northeastern Forest Experiment Station
19613

Gieryng, R
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19614

Gimenez, M E P
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20036

Girard, H
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19961

Giri, S
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20126

Given, B B
Ruakura Agricultural Research Centre, Hamilton, New Zealand
19406

Gjullin, C M
Agricultural Research Service, Corvallis, Oregon; Entomology Research Division
19407

Gloor, H
Leiden Univ., Netherlands; Dept. of Genetics
19775

Gloyd, L K
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19408

Goldsmid, J M
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19615

Gomez, F M
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20037

Gore, R W
Walter Reed Army Institute of Research, Washington, D. C.; Dept. of Medical Zoology
19962

Grafner, G
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20038

Grandjean, F
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19617

Greichus, A
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20039

Gressitt, J L
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19619

Grillot, J-p
Centre National de la Recherche Scientifique, Paris, Franc; Faculte des Sciences; Laboratoire de Zoologie, Physiologie des Insectes; Equipe Neuro-endocrinologie
19620

Grosclaude, Ch
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20111

Grover, R
Agricultural Research Council, Oxford, England; Weed Research Organization
19929

Groves, M G
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19963

Gupta, P D
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19621

Gutierrez, J
Centre O. R. S. T. O. M., Tananarive, Madagascar
19409

Hanna, W J
Rutgers - The State University, New Brunswick, N. J.; Dept. of Soils and Crops
19823

Hansberry, R
Shell Development Company, Modesto, Calif.; Biological Sciences Research Center
19622

Harris, J W E
Forest Insect and Disease Survey, Victoria, Canada; Dept. of Forestry and Rural Development
19877

Harris, T L
Illinois Natural History Survey, Urbana
19623

Harrison, R A
Lincoln College, Canterbury, New Zealand
20147

Harwell, J F
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19966

Hedlin, A F
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19878

Helle, W
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19776

Henneberry, R C
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19967

Henry, E W
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19824

Hepner, L W
Mississippi State University, Columbus
19411

Hessler, J R
Florida University, Gainesville; Division of Comparative Medicine
19968

Hewitt, W B
California University, Davis
19825

Hewlett, P S
Agricultural Research Council, Slough, England; Pest Infestation Laboratory; Biochemistry Dept.
19626

Hidaka, T
Tropical Agriculture Research Office, Tokyo, Japan
19412

Hildreth, P E
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19777

Hirth, L
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19826

Hodgson, W A
Canada Dept. of Agriculture, Fredericton; Research Station
19827

Hoffman, R L
Radford College, Virginia
19413

Hoffmann, J A
Strasbourg Universite, France; Faculte des Sciences; Laboratoire de Biologie generale
19627

Hokama, Y
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19414

Holme, T
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19969

Hoogstraal, H
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19415

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19628

Hooper, G H S
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19629

Howard, E F
Baylor University, Houston, Texas; Dept. of Pharmacology
19630

Hsu, H S
Medical College of Virginia, Richmond; Dept. of Microbiology
19970

Hubby, J L
Chicago University, Illinois; Dept. of Biology
19778

Hueck, H J
Nederlandse Centrale Organisatie voor Toegepast-natuurwetens; Centraal Laboratorium
19631

Hung, A C F
North Dakota Univ., Grand Forks; Dept. of Biology
19632

Hunt, E G
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20071

Hunter, L D
East Malling Research Station, Maidstone, London
19828

Hunter, P E
Georgia University, Athens; Dept. of Entomology
19416

Hussey, R F
Florida University, Gainsville; Dept. of Biological Sciences
19418

Ilivicky, J
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19633

Irving, G W
U. S. Dept. of Agriculture; Agricultural Research Service
19930

Ito, S
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19419

Jackson, W B
Bowling Green State University
20097

Jadin, J M
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19971

Jaffe, J J
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20040

Janovy, J
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19972

Jayaraj, S
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19879

Jayaraj, S
Agricultural College and Research Institute, Coimbatore
19880

Jobin, L J
Ministere de l' Agriculture et de la Colonisation, Queb; Service de la Recherche; Dept. de Biologie
19634

Johnson, L Y
U. S. Food and Drug Administration, Cincinnati, Ohio
20129

Johnston, L A Y
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20021

Joly, P
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19635

Joly, R
Ecole Nationale G. R. E. F. et C. N. R. F.; Chaire de Zoologie; Laboratoire de Recherches
19420

Jones, F G W
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19881

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19973

Kalra, R L
National Inst. of Communicable Diseases, Delhi, India
19637

Kalra, R L
National Institute of Communicable Diseases, Delhi, India
19638

Kanatack, B H
South Dakota State University
20022

Kannan, S
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19922

Kanoh, S
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19974

Kant, U
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19883

Kapoor, J N
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Kapoor, J N
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Kapoor, J N
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Kapoor, J N
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19639

Katiyar, J C
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19975

Kavadia, V
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20081

Kelsey, J M
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19640

Khan, A A
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20114

Kiktenko, V S
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19976

Kimoto, S
Kyushu University, Hikosan, Japan; Faculty of Agriculture; Hikosan Biological Laboratory
19642

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Kimoto, S
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19644

King, P E
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19645

Kingan, S L
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19646

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19647

Kistner, D H
Chico State College, California; Dept. of Biology
19425

Kistner, D H
Chico State College, Calif.; Dept. of Biology
19426

Klostermeyer, L E
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19648

Klots, A B
American Museum of Natural History, New York
19427

Klots, A B
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19779

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19977

Knorre, von D
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19649

Kopelman, M
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19834

Korolev, V G
Pedagogical Institute, Birsk
19430

Koroleva, V G
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20098

Kozar, Z
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20041

Kurstak, E
Montreal Universite, Quebec; Dept. : de microbiologie et Immunologic
19651

Kurup, P A
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19652

Kwatra, M S
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19978

Labie, C
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19979

Lallier, R
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20100

Langer, B W
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19653

Larter, E N
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19799

Lauverjat, S
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19431

Lavoipierre, M M J
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20023

Laws, G F
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20042

Laws, L
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19980

Layne, R E C
Canada Dept. of Agriculture Research Station, Harrow
19835

Lebeurier, G
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19836

Leclant, F
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19654

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19432

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20043

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19655

Lefeuvre, J-c
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19434

Leiderman, L
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19932

Leininger, H V
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20069

Lembright, H W
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19885

Levasseur, L
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19435

Lincicome, D R
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20044

Lindberg, A A
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19982

Lingren, P D
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19886

Linley, J R
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19437

Lions, J-c
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19438

Litvinov, A N
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Loosmore, R M
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19984

Lotto, G De
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Lowe, A D
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19658

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19659

Ludwig, D
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19660

Luff, M L
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19440

Lukoschus, F S
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19441

Lykken, L
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20101

Macinnes, J W
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19780

Mackauer, M
Simon Fraser University, Burnaby, Canada; Pestology Centre; Dept. of Biological Sciences
19442

Mackerras, M J
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19443

Madsen, H F
Canada Agriculture Research Station, British, Columbia
19888

Madsen, H F
Canada Dept. of Agriculture, Summerland; Research Branch; Research Station
19889

Mahoney, D F
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19985

Makowski, M A
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19445

Maldague, M
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19446

Manna, G K
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19781

Manning, P J
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19986

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19661

Marks, C F
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20045

Marsh, P M
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19453

Martin, C
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19837

Martin, H
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19987

Martin, J E
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19988

Masiga, W N
East African Veterinary Research Organization, Kenya
19989

Mateu, J
Etres Organises, Paris, France; Laboratoire d'Evolution
19454

Mathur, R B
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19663

McCowan, F H
Sun Oil Co., Philadelphia, Pa.; Agricultural Oils
19933

McCully, K A
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20130

McDaniel, B
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19664

McGibbon, D B
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19665

McLean, D L
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19666

Mehrotra, K N
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20102

Meigh, D F
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20060

Meinl, G
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19923

Mello, D
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Merle, J
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19667

Mesa, A
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19456

Metcalf, R L
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19668

Mettrick, D F
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20046

Miller, T A
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19669

Miner, G D
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19670

Mitchell, A R
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20070

Miyazaki, M
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19457

Moore, J A
Michigan State University, East Lansing; Dept. of Veterinary Surgery and Medicine
19991

Moreno, G
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19992

Morgan-Jones, G
Commonwealth Mycological Institute, Surrey, England
19838

Morgan-Jones, G
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19839

Mori, H
Hokkaido Univ., Sapporo, Japan; Dept. of Applied Zoology
19672

Mori, K
Tokyo University, Tokyo, Japan; Dept. of Agricultural Chemistry
20131

Moromoto, T
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19673

Morris, E V
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19890

Mountier, N S
Lincoln Agricultural College, New Zealand
19674

Muesebeck, C F W
U. S. National Museum, Washington, D. C.
19459

Muesebeck, C F W
United States National Museum
19460

Mukerji, K G
Commonwealth Mycological Institute, Surrey, England
19840

Mukherjee, A K
Indian Agricultural Research Institute, New Delhi
19841

Mukherjee, A S
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19783

Mulhern, T D
California State-Dept. of Health, Fresno; Bureau of Vector Control
19784

Muma, M H
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19461

Munchberg, P
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19676

Muranishi, S
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20115

Murray, W D
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19677

Myburgh, A C
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20064

Nadakal, A M
Kerala University, India; Dept. of Zoology
19678

Nagar, S K
Delhi College, India; Dept. of Biology
19679

Nagel, J E
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19680

Nakao, Y
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19681

Nanda, K K
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20117

Nayar, R M
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19843

Negre, J
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19463

Nielsen, B O
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19683

Nijholt, W W
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19684

Nilsson, M R
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19993

Nilsson, M R
Socidade Brasileira de Medicina Veterinaria, Rio de Janeir
19994

Nilsson, M R
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19995

Nims, R C
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19844

Nohara, K
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19892

Novak, D
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19685

Oliver Jr, J H
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19464

Oliver, J R
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19934

Omer-Cooper, J
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19465

Orlando, A
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19893

Orlando, A
Instituto Agronomico Campinas, Brazil; Secao de Raizes e Tuberculos
19894

Overton, J
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19686

Overturf, M
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19996

Pagliai, A M
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19687

Palmer-Jones, T
Wallaceville Animal Research Centre, Wellington, New Zealand
19895

Parvin, D E
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19688

Pascal, M
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19689

Paulechova-Kralikova, K
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19845

Paulovova, J
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19690

Pavlova, R P
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19691

Peck, W B
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19692

Pesson, P
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19467

Peterson, A
Ohio Historical Society Museum, Columbus
19694

Pierre, F
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19469

Plessers, A G
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19846

Popham, E J
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19470

Popov, P As
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Price, R D
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Provansal, A
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Pye, A E
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19899

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19900

Ractliffe, L H
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20047

Radda, A
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19699

Radova, E
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Rai, B K
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Rajasingh, S G
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19901

Ram, S
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Ramsay, G W
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19472

Ransom, J P
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19997

Rasmuson, M
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19786

Rasmussen, S
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Rautapaa, J
Agricultural Research Centre, Tikkurila, Finland; Dept. of Pest Investigation
19703

Razin, S
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Reeves, R M
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19474

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Reiss, F
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Remensberger, P
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Rensing, L
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19707

Rheinwald, G
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19477

Rich, G B
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19903

Richard, G
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19708

Richards, A M
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19709

Rimpler, H
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Robaux, P
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Roberts, R J
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19710

Rosenbergova, M
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Ross, D A
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Ross, D A
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Ross, D A
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Ross, D A
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Roth, L M
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19711

Rothman, A H
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20048

Rothman, A H
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Royer, M
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Rozen, J G
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19481

Rubtsov, I A
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19482

Rutledge, J H
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20065

Rybicka, K
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20050

Sakai, A
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Sakai, A
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Sakai, A
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Sakakibara, I
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19485

Sakimura, K
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Salamanna, G
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19487

Sampath, A
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19853

San Martin, P R
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19488

Sander, K
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19717

Sasaji, H
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19489

Sasaji, H
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19490

Schiltz, P
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19854

Schliephake, G
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19491

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Schoener, T W
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19492

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Scott, H G
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19334

Scudder, G G E
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19493

Shackleton, D A
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19855

Sharma, J C
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19720

Shiga, M
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19721

Singh, P
Kentucky University, Lexington
19725

Singh, R N
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19924

Smit, F G A M
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19495

Smith, J M B
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20004

Smith, P F
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20119

Smith, P W
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19335

Somerville, H J
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Sperling, R
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Spiess, E B
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Srivastava, T N
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Stekol'Nikov, A A
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19496

Stimie, M
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Stockmann, R
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Stodart, E
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20006

Stolyarov, M V
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Stone, W M
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Storherr, R W
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Subramanian, C V
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19857

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19908

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20053

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19788

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19910

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20010

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19753

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20057

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Davies, G 19958
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Ohio Historical Society Museum, Columbus
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